8TH INTERNATIONAL CONFERENCE ON

BEHAVIORAL ADDICTIONS

INCHEON, SOUTH KOREA
23-25 AUGUST 2023

PROGRAM
CHAIRS

Zsolt Demetrovics
Hae-Kook Lee

SCIENTIFIC COMMITTEE

Max W. Abbott
Sophia Achab
Judit Balázs
Alex Baldacchino
Joël Billieux
Alex Blaszczynski
Kenneth Blum
Henrietta Bowden-Jones
Matthias Brand
Wim van den Brink
Gerhard Bühringer
Sam-Wook Choi
Damiaan Denys
Jeffrey L. Derevensky
Naomi Fineberg
Anneke Goudriaan
Marie Grall-Bronnc
Jon E. Grant
Mark Griffiths
Heather Hausenblas
Tobias Hayer
Susumu Higuchi
David Hodgins
Eric Hollander
Yasser Khazaal
Daniel King
Orsolya Király

Ludwig Kraus
Emmanuel Kuntsche
Hae Kook Lee
Michel Lejoyeux
Olatz Lopez-Fernandez
Anikó Maráz
Giovanni Martinotti
F. Gerard Moeller
Astrid Müller
Daniel Thor Olason
Bettina Pikó
Marc N. Potenza
Afarin Rahimi-Movaghar
József Rácz
Rory C. Reid
Hans-Jurgen Rumpf
Dan J. Stein
Marcantonio M. Spada
Daniel T. Spritzer
Sherry H. Stewart
Attila Szabó
Alfred Uhl
Róbert Urbán
Johan Vanderlinden
Sungwon Roh
Hyeon Woo Yim
## CONTENTS

<table>
<thead>
<tr>
<th>SECTION</th>
<th>PAGE</th>
</tr>
</thead>
<tbody>
<tr>
<td>PROGRAMME OVERVIEW</td>
<td>4</td>
</tr>
<tr>
<td>PLENARY LECTURES</td>
<td>7</td>
</tr>
<tr>
<td>DETAILED PROGRAM OF THE PARALLEL SESSIONS</td>
<td>8</td>
</tr>
<tr>
<td>MINI-TALKS</td>
<td>69</td>
</tr>
<tr>
<td>POSTERS</td>
<td>77</td>
</tr>
</tbody>
</table>
# Wednesday, 23/Aug/2023

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Location</th>
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<tr>
<td>10:00</td>
<td>Registration</td>
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<tr>
<td>12:00</td>
<td>Welcome drinks</td>
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<tr>
<td>1:00</td>
<td>Opening</td>
<td>Room A+B (Premier Ballroom A+B)</td>
<td>Zsolt Demetrovics, Hae Kook Lee</td>
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<tr>
<td>1:20</td>
<td>Plenary #1</td>
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<td>2:50</td>
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<td>3:00</td>
<td>Coffee break</td>
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<tr>
<td>3:30</td>
<td>Session 1A - Recent updates in Gaming Disorder treatment and</td>
<td>Room A (Premier Ballroom A)</td>
<td>Joel Billieux, Daniel King</td>
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<tr>
<td></td>
<td>brain-based mechanisms</td>
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<tr>
<td>5:00</td>
<td>Break</td>
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<tr>
<td>5:30</td>
<td>Session 2A - Aspects of diversity in compulsive sexual behaviour</td>
<td>Room A (Premier Ballroom A)</td>
<td>Marc Potenza, Jannis Engel</td>
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<tr>
<td></td>
<td>disorder and problematic pornography use</td>
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<tr>
<td>7:00</td>
<td>ISSBA General Assembly</td>
<td>Room A (Premier Ballroom A)</td>
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<tr>
<td>8:00</td>
<td>Welcome reception</td>
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<td>8:30</td>
<td>Coffee break</td>
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<tr>
<td>10:00</td>
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### Thursday, 24/Aug/2023

<table>
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<tr>
<th>Time</th>
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<tbody>
<tr>
<td>7:30am - 9:00am</td>
<td>Registration</td>
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<tr>
<td>8:00am - 8:40am</td>
<td>Mini-talks 1A - Behavioral Addictions: Miscellaneous Location: Room A+B (Premier Ballroom A+B) Chair: Bernadette Kun&lt;br&gt;Mini-talks 1C - Video Game Use: Miscellaneous Location: Room C (201) Chair: Daniel King&lt;br&gt;Mini-talks 1D - Emotional and Behavioral Difficulties in Online Behaviors Location: Room D (205) Chair: Daniel Spritzer&lt;br&gt;Mini-talks 1E - IS A FEMALE PERSPECTIVE really needed? Discussion is open! Location: Room F (207) Chair: Fulvia Prever Chair: Wing Chi Artemis Leung&lt;br&gt;Mini-talks 1F - Problematic Internet Use and Gaming Location: Room G (302) Chair: Shu (Mogu) Yu&lt;br&gt;Mini-talks 1G - Behavioral Addictions: Miscellaneous Location: Room H (303) Chair: Beatrix Koronczai</td>
</tr>
<tr>
<td>Time</td>
<td>Session 5A - Neuroscientific Perspectives on Technological Addictions</td>
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<tr>
<td></td>
<td>Location: Room A (Premier Ballroom A) Chair: Christian Montag</td>
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<td>Chair: Yun-Hsuan Chang</td>
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<tr>
<td>3:30pm - 5:00pm</td>
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<tr>
<td></td>
<td>Session 5B - Treatment: Internet Addiction and Gaming Disorder 2.</td>
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<tr>
<td></td>
<td>Location: Room B (Premier Ballroom B) Chair: Soo-Young Bhang Chair: Camilla K.M. Lo</td>
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<tr>
<td></td>
<td>Session 5C - Compulsive Sexual Behavior</td>
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<tr>
<td></td>
<td>Location: Room C (204) Chair: Aviv Weinstein Chair: Mary Sharpe</td>
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<td></td>
<td>Session 5D - Addiction, impairment, and resilience in videogamers:</td>
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<tr>
<td></td>
<td>findings from the International Gaming Study, 2022 (IGS22) Location: Room D (205) Chair: John Saunders</td>
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<td></td>
<td>Session 5E - Gambling: Harms and Harm Minimization</td>
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<tr>
<td></td>
<td>Location: Room E (206) Chair: Seon Wan Ki Chair: Sari Castrén</td>
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<td></td>
<td>Session 5F - Behavioural Addiction &amp; Gender Differences with a Female</td>
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<tr>
<td></td>
<td>Perspective: SESSION 1 Location: Room F (207) Chair: Fulvia Prever</td>
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<tr>
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<td>Chair: Marie Grali-Bronnec</td>
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<tr>
<td>5:00pm - 5:30pm</td>
<td>Break</td>
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<tr>
<td>5:30pm - 7:00pm</td>
<td>Session 6A - Gambling Treatment</td>
</tr>
<tr>
<td></td>
<td>Location: Room A (Premier Ballroom A) Chair: Agatha Manseuto Chair: Gaëlle Challet</td>
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<td>Chair: Changgyo Yoon Chair: Belinda Julivia Murtani</td>
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<td></td>
<td>Session 6B - Behavioural Addictions and the COVID Pandemic</td>
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<tr>
<td></td>
<td>Location: Room B (Premier Ballroom B) Chair: Filip Nuyens Chair: Myeong Sook Yoon</td>
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<td>Chair: Changgyo Yoon Chair: Belinda Julivia Murtani</td>
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<td>Session 6C - ABC in Behavioral Addiction Neuroimaging: Advancing the</td>
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<tr>
<td></td>
<td>Basic Science for Better Clinical Care</td>
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<tr>
<td></td>
<td>Location: Room C (204) Chair: Kristiana Siste Chair: Marc Potenza</td>
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<td></td>
<td>Session 6D - Assessment Issues in Gaming Disorder</td>
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<td></td>
<td>Location: Room D (205) Chair: Filip Nuyens Chair: Myeong Sook Yoon</td>
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<td>Chair: Changgyo Yoon Chair: Belinda Julivia Murtani</td>
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<td></td>
<td>Session 6E - Problematic Social Media Use 1.</td>
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<tr>
<td></td>
<td>Location: Room E (206) Chair: Malgorzata Sobol Chair: Annica Kessling</td>
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<tr>
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<td>Chair: Filip Nuyens Chair: Myeong Sook Yoon</td>
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<td></td>
<td>Session 6F - Behavioural Addiction &amp; Gender Differences with a Female</td>
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<tr>
<td></td>
<td>Perspective: SESSION 2 Location: Room F (207) Chair: Fulvia Prever</td>
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<td>Chair: Wing Chi Artemis Leung</td>
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<td>Session 6G - Conditioned Reflex Control Technique (CRCT) for behavioral</td>
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<td></td>
<td>addiction</td>
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<td></td>
<td>Location: Room G (302) Chair: Sang Woon Park</td>
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<td>Chair: Sang Woon Park</td>
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</tbody>
</table>

8TH INTERNATIONAL CONFERENCE ON BEHAVIORAL ADDICTIONS
INCHEON, SOUTH KOREA, 23-25 AUGUST 2023

8:00pm - 10:00pm Gala Dinner
### Friday, 25/Aug/2023

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Location</th>
<th>Chair(s)</th>
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<tr>
<td>8:30am - 9:00am</td>
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<tr>
<td>9:00am - 10:20am</td>
<td>WHO Panel Discussion</td>
<td>Room A+B (Premier Ballroom A+B)</td>
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<tr>
<td>10:20am - 10:30am</td>
<td>Coffee break</td>
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<tr>
<td>10:30am - 11:00am</td>
<td>Session 7A - Neuroscientific Studies of Behavioral Addictions</td>
<td>Room A (Premier Ballroom A)</td>
<td>Vladimir Poznyak, Hae Kook Lee</td>
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<tr>
<td>11:00am - 12:30pm</td>
<td>Session 7B - Behavioral Addictions and Substance Use</td>
<td>Room B (Premier Ballroom B)</td>
<td>Sung Young Huh, Kjell Büsche</td>
</tr>
<tr>
<td>12:30pm - 12:45pm</td>
<td>Session 7C - Gambling and Gaming Addicted patients at a treatment clinic in Sweden</td>
<td>Room C (204)</td>
<td>Anna Gorth, Yui Asaoka</td>
</tr>
<tr>
<td>11:00am - 12:30pm</td>
<td>Session 7D - Gambling problems and treatment of gambling disorders in Japan</td>
<td>Room D (205)</td>
<td>Sachio Matsushita, Chie Nitta</td>
</tr>
<tr>
<td>12:30pm - 1:30pm</td>
<td>Session 7E - Problematic Video Game Use 2.</td>
<td>Room F (207)</td>
<td>Andrea Stásek, Josip Razum</td>
</tr>
<tr>
<td>1:30pm - 3:00pm</td>
<td>Session 7F - Neuro, psycho and social studies of Internet Gaming Addiction</td>
<td>Room G (302)</td>
<td>Kunhua Lee</td>
</tr>
<tr>
<td>1:30pm - 3:00pm</td>
<td>Session 7G - Problematic Smartphone Use</td>
<td>Room D (205)</td>
<td>Noa Vana, Amanda Roberts</td>
</tr>
<tr>
<td>3:00pm - 3:30pm</td>
<td>Session 8A - Gaming Disorder and addictive digital behaviors: Developmental aspects &amp; Psycho-social Management</td>
<td>Room A (Premier Ballroom A)</td>
<td>Hyo Woong Yim, Richard James</td>
</tr>
<tr>
<td>3:00pm - 3:30pm</td>
<td>Session 8B - Problematic Compulsive Sexual Behavior Disorder</td>
<td>Room B (Premier Ballroom B)</td>
<td>Sulki Chung, Hyein Chang, Sang Kyu Lee</td>
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<tr>
<td>3:00pm - 3:30pm</td>
<td>Session 8C - Psychosocial Predictors of Compulsive Sexual Behavior Disorder</td>
<td>Room C (204)</td>
<td>Changwoon Han, Catherine Michele Hitch</td>
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<tr>
<td>3:00pm - 3:30pm</td>
<td>Session 8D - Problematic Gambling and its Treatment</td>
<td>Room D (205)</td>
<td>Noa Vana, Amanda Roberts</td>
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<tr>
<td>3:00pm - 3:30pm</td>
<td>Session 8E - Problematic Social Media Use 2.</td>
<td>Room F (207)</td>
<td>Krista Maria Selina, Yanyu Li</td>
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<tr>
<td>3:00pm - 3:30pm</td>
<td>Session 8F - Up-to-date knowledge of Behavior Addiction</td>
<td>Room G (302)</td>
<td>Dai Jin Kim, Toshikazu Saito</td>
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<tr>
<td>3:00pm - 3:30pm</td>
<td>Session 8G - Problematic Gambling in Special Populations</td>
<td>Room E (206)</td>
<td>Noa Vana, Amanda Roberts</td>
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**Posters**

The posters can be viewed during the entire duration of the conference.
<table>
<thead>
<tr>
<th>Plenary #1</th>
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<tbody>
<tr>
<td>Time:</td>
<td>Location: Room A (Premier Ballroom A)</td>
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<tr>
<td>Wednesday, 23/Aug/2023:</td>
<td>second floor</td>
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<tr>
<td>1:20pm - 2:50pm</td>
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<tr>
<td>Session Chair: Zsolt Demetrovics</td>
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<tr>
<td>Session Chair: Jeong Seok Seo</td>
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<tr>
<td>Plenary lectures</td>
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</tr>
<tr>
<td>Reconceptualising reducing gambling harm: How to encourage consumer engagement in lower-risk gambling?</td>
<td></td>
</tr>
<tr>
<td>Sally Gainsbury</td>
<td>1,2</td>
</tr>
<tr>
<td>1Gambling Treatment &amp; Reserch Clinic; 2University of Sydney; <a href="mailto:sally.gainsbury@sydney.edu.au">sally.gainsbury@sydney.edu.au</a></td>
<td></td>
</tr>
<tr>
<td>Early Interventions in Internet Use Disorders</td>
<td></td>
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<tr>
<td>Hans-Jürgen Rumpf</td>
<td></td>
</tr>
<tr>
<td>University of Lübeck, Department of Psychiatry and Psychotherapy, Center for Integrative Psychiatry, Research Group S:TEP; <a href="mailto:Hans-Juergen.Rumpf@uksh.de">Hans-Juergen.Rumpf@uksh.de</a></td>
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<tr>
<td>Natural history and relating factors of internet gaming disorder in Korean children and adolescents</td>
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<tr>
<td>Hyeon Woo Yim</td>
<td></td>
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<tr>
<td>Department of Preventive Medicine, College of Medicine, Catholic University of Korea; <a href="mailto:y1693@catholic.ac.kr">y1693@catholic.ac.kr</a></td>
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<tr>
<td>Time:</td>
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<tr>
<td>Thursday, 24/Aug/2023:</td>
<td>second floor</td>
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<tr>
<td>8:45am - 10:15am</td>
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<tr>
<td>Session Chair: Marc Potenza</td>
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<td>Session Chair: Hae Kook Lee</td>
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<tr>
<td>Plenary lectures</td>
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<tr>
<td>Passion and Addiction: Theory and Research</td>
<td></td>
</tr>
<tr>
<td>Robert J. Vallerand</td>
<td>1,2</td>
</tr>
<tr>
<td>1Laboratoire de Recherche sur le Comportement Social; 2Université du Québec à Montréal; <a href="mailto:vallerand.bob@gmail.com">vallerand.bob@gmail.com</a></td>
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<tr>
<td>Clinical characteristics of gaming disorder</td>
<td></td>
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<tr>
<td>Susumu Higuchi</td>
<td></td>
</tr>
<tr>
<td>National Hospital Organization Kurihama Medical and Addiction Center; <a href="mailto:h-susumu@db3.so-net.ne.jp">h-susumu@db3.so-net.ne.jp</a></td>
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<tr>
<td>Gambling and addiction in the eyes of Chinese people</td>
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<tr>
<td>Anise M. S. Wu</td>
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<tr>
<td>Department of Psychology, University of Macau; <a href="mailto:anisewu@um.edu.mo">anisewu@um.edu.mo</a></td>
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<th>WHO Panel Discussion</th>
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<td>Time:</td>
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<tr>
<td>Friday, 25/Aug/2023:</td>
<td>second floor</td>
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<tr>
<td>9:00am - 10:20am</td>
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<tr>
<td>WHO panel discussion - How to take advantage and avoid risk for public health approach to behavioral addictions?</td>
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</tr>
<tr>
<td>Hae Kook Lee</td>
<td>1, Chul Jung Kim</td>
</tr>
<tr>
<td>1Department of Psychiatry, The Catholic University of Korea, Korea; 2Chief editor in health &amp; medicine, Editorial writer, The Chosun Ilbo Panelist; 3Yale School of Medicine; 4The University of Queensland. St Lucia, Australia; 5Head of the Unit “Alcohol, Drugs and Addictive Behaviours” at WHO; 6University of Indonesia, Indonesia; 7Hallym University, Korea, Republic of (South Korea); 8University of Lausanne; <a href="mailto:polic1yhklee@gmail.com">polic1yhklee@gmail.com</a></td>
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DETAILED PROGRAM OF THE PARALLEL SESSIONS
### Session 1A

**Recent updates in Gaming Disorder treatment and brain-based mechanisms**

**Time:**
Wednesday, 23/Aug/2023:
3:30pm - 5:00pm

**Location:** Room A (Premier Ballroom A)
second floor

**Session Chair:** Joel Billieux
**Session Chair:** Daniel King

#### Presentations

**Recent updates in Gaming Disorder treatment and brain-based mechanisms**
Chair(s): Joel Billieux (University of Lausanne, Switzerland), Daniel King (Flinders University)

**Presentations of the Symposium**

- **Treatment for gaming disorder: An overview of the evidence**
  - Daniel L. King: daniel.king@flinders.edu.au
  - Flinders University

- **(Internet) Gaming Disorder: Brain Mechanisms and Implications for Treatment Development**
  - Marc N Potenza: marc.potenza@yale.edu
  - Yale School of Medicine

- **Treatment of gaming disorder in Japan**
  - Takashi Kitayuguchi¹, Takanobu Matsuzaki¹, Satoko Mihara¹, Masaru Tateno², Susumu Higuchi¹
  - kitayuguchi.takashi.vc@mail.hosp.go.jp
  - ¹National Hospital Organization Kurikama Medical and Addiction Center, ²Tokkiwa hospital

- **Can playing Dungeons and Dragons be good for you? Tabletop Role-Playing Games to mitigate social anxiety and reduce problematic gaming**
  - Joel Billieux¹, Jonathan Bloch¹, Lucien Rochat¹, Loïs Fournier¹, Charlotte Eben¹, Yasser Khazaal⁴, Olivier Simon⁴, Marc Malméndorf⁵, Daniel L. King¹, Andreas Lieberoth⁶, joel.billieux@unil.ch
  - ¹University of Lausanne, ²Geneva University Hospitals, ³University of Ghent, ⁴Lausanne University Hospital and University of Lausanne, ⁵Aarhus University, ⁶Flinders University
<table>
<thead>
<tr>
<th>Presentations</th>
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<tr>
<td><strong>Treatment experiences of gambling disorder in Korea</strong></td>
</tr>
<tr>
<td><strong>Young Chul Shin</strong></td>
</tr>
<tr>
<td>Kangbuk Samsung Hospital, Korea, Republic of (South Korea); <a href="mailto:yshin523@hanmail.net">yshin523@hanmail.net</a></td>
</tr>
<tr>
<td><strong>Treatment of gambling and gaming disorders in Japan</strong></td>
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<tr>
<td><strong>Susumu Higuchi</strong></td>
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<tr>
<td>National Hospital Organization Kurihama Medical and Addiction Center, Japan; <a href="mailto:h-susumu@db3.so-net.ne.jp">h-susumu@db3.so-net.ne.jp</a></td>
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Session 1C

Problematic Video Game Use 1.

Time: Wednesday, 23/Aug/2023: 3:30pm - 5:00pm

Location: Room C (204) second floor

Session Chair: Lorelle Bowditch
Session Chair: Alessandro Giardina

Presentations

Comparing general self-esteem and self-esteem related to video game use in the development of problematic gaming
*Dana Katz*1,2, *Patrik Koncz*1,2, *Zsolt Demetrovics*3, *Orsolya Király*1
1Eötvös Loránd University (Eötvös Loránd Tudományegyetem), Hungary; 2Doctoral School of Psychology, ELTE Eötvös Loránd University, Budapest, Hungary; 3Centre of Excellence in Responsible Gaming, University of Gibraltar, Gibraltar; danakatz93@student.elte.hu

Problematic Gaming, Social Withdrawal, and Escapism: The Compensatory-Dissociative Online Gaming (C-DOG) Model
1Université de Lausanne, Switzerland; 2Kore University of Enna, Enna, Italy.; 3Sydney Medical School, Nepean Clinical School, Brain and Mind Centre, Sydney, Australia.; 4University of Palermo, Palermo, Italy.; 5Flinders University, Adelaide, Australia; alessandro.giardina@unil.ch

How gaming passion contributes to the definition and diagnosis of problem gaming: A combined person-centered and supervised machine-learning analysis
*Alexandre Infanti*1, *Carlos Valls-Serrano*2, *José César Perales*5, *Claus Vögele*1, *Joël Billieux*1
1Department of Behavioural and Cognitive Sciences, University of Luxembourg, Esch-sur-Alzette, Luxembourg; 2Department of Psychology, Catholic University of Murcia, Spain; 3Department of Experimental Psychology, Mind, Brain and Behavior Research Center (CIMCYC), University of Granada, Spain; 4Institute of Psychology, University of Lausanne, Lausanne, Switzerland; 5Centre for Excessive Gambling, Addiction Medicine, Lausanne University Hospitals (CHUV), Lausanne, Switzerland; alexandre.infanti@uni.lu

In Real Life: Gaming typologies and their association with problematic gaming and health outcomes
*Lorelle Bowditch*, *Janine Chapman*, *Tania Signal*, *Anjum Naweed*
Central Queensland University, Australia; l.bowditch@cqu.edu.au

The effect of motivations on playing between MMORPG and RTS players in Taiwan: the results from a cross-sectional study
*Kunhua Lee*
National Tsing Hua University, Taiwan; kunhualee@mx.nthu.edu.tw
Session 1D

Gambling: Prevention issues

**Time:**
Wednesday, 23/Aug/2023:
3:30pm - 5:00pm

**Location:** Room D (205) second floor

**Session Chair:** Amandine Luquiens
**Session Chair:** Giovanni Martinotti

**Presentations**

**Prevention policies for gambling and gambling-related harm in Italy: a survey among gamblers and mental health professionals**
Francesco Di Carlo, Mauro Pettoruso, Giacomo D’Andrea, Debora Luciani, Stefania Chiapinii, Giovanni Martinotti
University of Chieti-Pescara, Italy; giovanni.martinotti@gmail.com

**Pictograms to aid laypeople in identifying the addictiveness of gambling products (PictoGRRed study)**
Thierry Bonjour1, Lucia Romo33, Marie Grall-Bronnec1
1Department of Addictology, CHU Nîmes, Univ Montpellier, Nîmes, France. CESP, Univ. Paris-Sud, UVSQ, INSERM, Université Paris-Saclay, Villejuif, France; 2EA 7479 SPURBO, Université de Bretagne Occidentale, Brest and Addictologie, CHRU BREST; 3CHU de Besançon, France; 4Université de Tours, QualiPsy, EE 1901 ; CHRU de Tours, Service d’Addictologie Universitaire, CSAPA 37, Tours, France; 5CHU Nantes, Department of Addictology and Psychiatry Nantes, Université de Nantes, Université de Tours, Inserm U1246, Nantes, France; 6Pôle addiction et précarité, Centre hospitalier Guillaume Régnier, Rennes, France; 7WHO Collaborating Centre for Treatment and Research in Mental Health, University of Geneva, Switzerland; 8IAJ - Instituto de Apoio ao Jogador, Lda, Portugal; 9Institute of Psychology, University of Lausanne, Lausanne - Centre for Excessive Gambling, Lausanne University Hospitals (CHUV), Lausanne, Switzerland; 10Epitech, Paris, France; 11CHRU de Tours, Service d’Addictologie Universitaire, Équipe de Liaison et de Soins en Addictologie, Tours - UMR 1253, iBrain, Université de Tours, Inserm, Tours- Université de Tours, QualiPsy, EE 1901, Tours, France; 12Gambling and Technological Addictions Research Unit, University of Valencia, Spain; 13Centre for Gambling Research at UBC, Department of Psychology, University of British Columbia, Vancouver, British Columbia, Canada; 14ouvain Experimental Psychopathology (LEP), Psychological Science Research Institute, Université catholique de Louvain, Louvain-la-Neuve, Belgium - Centre for Excessive Gambling, Lausanne University Hospitals (CHUV), Lausanne, Switzerland; 15Observatoire des jeux, France; 16Grand Hôpital de Charleroi (GHDC), Charleroi - Psychological Science Research Institute, Université Catholique de Louvain, Louvain-la-Neuve - Scientific Research and Publication Cell (CRPS), Le Beau Vallon, Namur, Belgium - Centre Hospitalier Le Domaine, ULB, Braine-l’Alleud, Belgium - Service Universitaire d’Addictologie de Lyon (SUAL), CH Le Vinatier, F-69500, Bron, France; 17Child and Adolescent Psychiatry and Psychology Department, Hospital Clinic Universitari de Barcelona, Spain; 18University of Deusto, Spain; 19BRAIN CENTER FIRENZE, Florence, Italy; 20Clinical Addiction Research Unit, Faculty of Medicine, Lund University - Gambling Disorder Unit, Malmö Addiction Center, Region Skåne, Sweden; 21Addiction medicine, Department of Psychiatry, Lausanne University Hospital and Lausanne University, Switzerland; 22College of Education, Psychology, & Social Work, Flinders University, Adelaide, Australia; 23Faculty of Psychology, Complutense University, Madrid; 24Faculty of Information and Communication, Universitat de Barcelona, Barcelona, Spain; 25CCU University, Austria; 26Department of Experimental Psychology Mind, Brain and Behavior Research Centre (CIMCYC), University of Granada, Spain; 27Department of Psychopathology, EE 1901 - Equipe Qualipsy « Qualité de vie et Santé Psychologique » Université de Tours, France; 28Lyon Neuroscience Research Center—INSERM U1028—CNRS UMR5292, PSYR2 Team, University Lyon 1, Lyon, France; 29National Addiction Centre, King’s College, London, UK; 30Psychiatry and Addiction Medicine Department, CHU Lille, F-59000 Lille - Groupe Hospitalier Seclin-Carvin, BP 109, F-59471 Seclin - Univ. Lille, ULR 4072 - PSITEC - Psychologie: Interactions Temps Emotions Cognition, F-59000 Lille, France; 31Université de Paris, Laboratoire de Psychopathologie et Processus de Santé F-92100 Boulogne Billancourt, France; 32Université de Lorraine, APEMAC, équipe EPSAM, F-57000 Metz, France, France; 33EA 4430 Clipsyd, University Paris; amandineluquiens@gmail.com

**Gambling prevention in schools: A focus group study**
Jing Shi
Health and Social Sciences, Singapore Institute of Technology, Singapore; jing.shi@singaporetech.edu.sg

**Efficacy of a product-centered gambling harm prevention program for adolescents and youth in educational settings**
Juan F. Navas1, Cristina Martín-Pérez1, Ana Ordoñez1, Ana Álvarez1, Miguel Vadillo1, José C. Perales1
1Department of Clinical Psychology, University Complutense of Madrid, Spain; 2Department of Developmental and Educational Psychology, University of Valladolid, Spain; 3Institute for Addictions, Madrid Salud, Madrid City Council, Spain; 4Department of Experimental Psychology, Autonomous University of Madrid, Spain; 5Mind, Brain, and Behavior Research Center. Department of Experimental Psychology, University of Granada, Spain; junavas@ucm.es
### Session 1E

**Attention Deficit Hyperactivity Disorder (ADHD)**

*Time:* Wednesday, 23/Aug/2023: 3:30pm - 5:00pm  
*Location:* Room E (206) second floor

**Session Chair:** Giacomo Grassi  
**Session Chair:** RA Mulya Liansari

### Presentations

#### Behavioral addictions trajectories in adult patients with attention deficit hyperactivity disorder (ADHD): a one-year follow-up study

**Giacomo Grassi, Corinna Moradei, Chiara Cecchelli**  
Brain Center Firenze, Italy; giacomograssimd@gmail.com

#### Creativity in ADHD. Comparison of creative and non-creative subjects, in a sample of adult ADHD patients: clinical and neuropsychological characteristics.

**Chiara Cecchelli, Corinna Moradei, Giacomo Grassi**  
Brain Center Firenze, Italy; cecchelli.chiara@gmail.com

#### Sex differences in longitudinal patterns of internet use and predictive factors among a general population sample of children and adolescents

**Tomoya Hirota¹, Michio Takahashi², Masaki Adachi³, Kazuhiko Nakamura⁴**  
¹Department of Psychiatry and Behavioral Sciences, University of California San Francisco, United States of America; ²Smart-Aging Research Center, Tohoku University, Japan; ³Faculty of Psychology, Meiji Gakuin University, Japan; ⁴Department of Neuropsychiatry, Hirosaki University, Japan; tomoya.hirota@ucsf.edu

#### The Impact of Game Transfer Phenomena on Cravings in IGD-ADHD Adolescents

**Alex Basche¹, Angelica B. Ortiz de Gortari²**  
¹Reset From Tech, United States; ²SLATE, University of Bergen, Norway; alexbaschetherapy@gmail.com

#### Management of Gambling Disorder with Attention Deficit Hyperactivity Disorder: A Case Report

**RA Mulya Liansari, Kristiana Siste**  
Department of Psychiatry, Faculty of Medicine, Universitas Indonesia-dr. Cipto Mangunkusumo General Hospital, Jakarta, Indonesia; mulyaliansari.dr@gmail.com
# Session 1F

**Social Media Use: Epidemiology**

**Time:**  
Wednesday, 23/Aug/2023:  
3:30pm - 5:00pm

**Location:** Room F (207)  
second floor

**Session Chair:** Filipa Calado  
**Session Chair:** Agata Błachnio

## Presentations

**Lonely Online: A Social Model of Digital Media Addiction. A Study in 21 Countries**

Agata Błachnio¹, Aneta Przepiórka¹, Oleg Gorbaniuk², Monika McNeill³, Rebecca Bendayan⁴, Menachem Ben-Ezra⁵, Alan Angeluci⁶, Ana Maria Abreu⁷, Maria J. Blanca⁵, Tihana Brkljacic⁸, Nenad Ćus Babić⁹, Mithat Durak¹⁰, Julia Gorbaniuk¹¹, Juraj Holdoš¹², Ana Ivanova¹³, Meiko Makita¹⁴, Sadia Malik¹⁵, Elvis Mazzoni¹⁶, Anita Milanovic¹⁷, Bojan Musil¹⁸, Igor Pantic¹⁹, Emre Senol-Durak²⁰, Lancy D’Souza²¹, Mariiek, M. P. Vanden Abeele²², Mariusz Wolorciej²³, Anise M.S. Wu²⁴, Shu M. Yu²⁵, Martina Benvenuti²⁶

¹The Catholic University of Lublin, Poland; ²Glasgow Caledonian University; ³University of Malaga; ⁴Ariel University; ⁵City University of São Caetano do Sul; ⁶Universidade Católica Portuguesa; ⁷Institute of Social Sciences; ⁸University of Maribor; ⁹Bolu Abant Izzet Baysal University; ¹⁰Catholic University in Ruzomberok; ¹¹University of Dundee; ¹²University of Sargodha; ¹³University of Bologna; ¹⁴Clinic for mental disorders „Dr Laza Lazarević”; ¹⁵University of Belgrade; ¹⁶Universidade de Lisboa; ¹⁷University of Mysore; ¹⁸University of Tilburg; ¹⁹University of Macau; ²⁰University of Gibraltar; ²¹gatta@kul.pl

**The Emergence of #SocialMediaAddiction in Indonesia: a nationwide survey**

Karina Kalani Firdaus, Kristiana Siste, Enjeline Hanafi

Department of Psychiatry, dr. Cipto Mangunkusumo General Hospital – Faculty of Medicine Universitas Indonesia, Indonesia;  
karinakalanif@gmail.com
## Session 1G

### Dissecting the impact of addiction and suicide scenes of flourishing movies and drama series on the global audience

**Time:** Wednesday, 23/Aug/2023: 3:30pm - 5:00pm  
**Location:** Room G (302) third floor  
**Session Chair:** Kristiana Siste

### Presentations

**Dissecting the impact of addiction and suicide scenes of flourishing movies and drama series on the global audience**  
*Chair(s): Kristiana Siste (University of Indonesia, Indonesia)*

**The addiction of a new era: Down the rabbit hole of binge watching**

Yenny Siti Sinambela¹, Enjeline Hanafi², Kristiana Siste³, Hagit Bonny-Noach⁴, Chen Shina⁴; yesinambela@yahoo.com

¹Medical Staff, Duren Sawit Mental Hospital, Jakarta, Indonesia, ²Addiction Psychiatry Division, Department of Psychiatry, Faculty of Medicine Universitas Indonesia, Cipto Mangunkusumo Hospital, Indonesia, ³The Department of Criminology Ariel University & Board member, Israeli Society of Addiction Medicine (ILSAM), ⁴The Department of Criminology Ariel University

**Attitudes towards scenes of substance misuse and suicide among global viewers of Asian drama**

Hagit Bonny-Noach¹, Yenny Siti Sinambela¹, Kristiana Siste³, Chen Shina⁴, Enjeline Hanafi²; hagitbo@gmail.com

¹The Department of Criminology Ariel University & Board member, Israeli Society of Addiction Medicine (ILSAM), ²Medical Staff, Duren Sawit Mental Hospital, Jakarta, Indonesia, ³Addiction Psychiatry Division, Department of Psychiatry, Faculty of Medicine Universitas Indonesia, Cipto Mangunkusumo Hospital, Indonesia, ⁴The Department of Criminology Ariel University

**Utilizing popular media: Implementation of behavioral addiction harm reduction strategies in movies and dramas**

Enjeline Hanafi¹, Kristiana Siste¹, Lee Thung Sen², Belinda Julivia Murtani², Hans Christian², Hanna Yola Hadiyan³, Hagit Bonny-Noach¹, Chen Shina²; enjelinehanafi@gmail.com

¹Addiction Psychiatry Division, Department of Psychiatry, Faculty of Medicine Universitas Indonesia, Cipto Mangunkusumo Hospital, Indonesia, ²Department of Psychiatry, Faculty of Medicine Universitas Indonesia, ³The Department of Criminology Ariel University & Board member, Israeli Society of Addiction Medicine (ILSAM), ⁴The Department of Criminology Ariel University
## Session 1H

### Compulsive Pornography Use

**Time:**
*Wednesday, 23/Aug/2023: 3:30pm - 5:00pm*

**Location:** Room H (303)  
Third floor

**Session Chair:** Anna Ševčíková  
**Session Chair:** Lee Thung Sen

### Presentations

**Compulsive cyberporn and relationships with coercive sexual manipulation: is there any risky association?**

*Farah Ben Brahim*, Robert Courtois, Yasser Khazaal  
1Department of Psychology - QualiPsy, University of Tours, France; 2Department of Psychiatry - Addiction Medicine, Lausanne University Hospital, Switzerland; 3University of Lausanne, Switzerland; farah-ben-brahim@outlook.fr

**Online sex addiction and its dimensions: A network perspective**

*Anna Ševčíková, Andrea Stašek*  
Masaryk University, Czech Republic; asevciko@fss.muni.cz

**Cyberporn use and rape myths acceptance: are we dealing with risky associations?**

*Farah Ben Brahim*, Robert Courtois, Yasser Khazaal  
1Department of Psychology - QualiPsy, University of Tours, France; 2Department of Psychiatry - Addiction Medicine, Lausanne University Hospital, Switzerland; 3University of Lausanne, Switzerland; farah-ben-brahim@outlook.fr

**Compulsivity and Porn Recovery – Challenges for Adolescents Education Programs**

*Marshall Stuart Ballantine-Jones*  
DigiHelp Publishing, Australia; marshall@digihelp.io

**Scrutinizing problematic sexual behavior and pornography use: A clinical case from a Global South country and narrative review**

*Lee Thung Sen, Enjeline Hanafi, Kristiana Siste*  
Department of Psychiatry, Faculty of Medicine, Universitas Indonesia - dr. Cipto Mangunkusumo National General Referral Hospital, Jakarta, Indonesia, 10430; leethungsen@gmail.com
### Session 2A

**Aspects of diversity in compulsive sexual behaviour disorder and problematic pornography use**

**Time:** Wednesday, 23/Aug/2023: 5:30pm - 7:00pm

**Location:** Room A (Premier Ballroom A) second floor

**Session Chair:** Marc Potenza

**Session Chair:** Jannis Engel

### Presentations

**Aspects of diversity in compulsive sexual behaviour disorder and problematic pornography use**

**Chair(s):** Marc N. Potenza (Departments of Psychiatry and Neuroscience and Child Study Center, Yale School of Medicine, Connecticut Council on Problem Gambling, Connecticut Mental Health Center), Jannis Engel (Hannover Medical School, Germany)

**Presentations of the Symposium**

**Problematic Pornography Use in Individuals Seeking Treatment for Opioid Use Disorder**

Marc N. Potenza¹, Elina A. Stefanovics², Shane W. Kraus³, Declan T. Barry⁴; marc.potenza@yale.edu

¹Departments of Psychiatry and Neuroscience and Child Study Center, Yale School of Medicine, New Haven, CT, United States; Connecticut Council on Problem Gambling, Wethersfield, CT, Connecticut Mental Health Center, New Haven, CT, United States;
²Department of Psychiatry, Yale School of Medicine, New Haven, CT, United States; ³Department of Psychology, University of Nevada, Las Vegas, NV, United States; ⁴Adult Psychiatry, Child Study Center; Connecticut Mental Health Center; Division of Addictions; Psychotherapy Development Center; Yale Ventures; Yale School of Medicine, New Haven, CT, United States

**Neural mechanisms underlying Compulsive Sexual Behavior Disorder among women**

Ewelina Kowalewska¹, Małgorzata Draps², Jakub Wojciechowski², Shane W. Kraus²; ewelina.kowalewska@cmkp.edu.pl

¹Department of Psychiatry, Centre of Postgraduate Medical Education, Warsaw, Poland; ²Clinical Neuroscience Lab, Institute of Psychology, Polish Academy of Sciences, Warsaw, Poland; ³Bioimaging Research Center, Institute of Physiology and Pathology of Hearing, World Hearing Center, Kajetany, Poland; Laboratory of Emotions Neurobiology, Nencki Institute of Experimental Biology, Warsaw, Poland; ⁴Department of Psychology, University of Nevada, Las Vegas, NV, USA

**The relation of perceived social support, minority stress, and sexualized drug use to compulsive sexual behavior: evidence from 3 samples in Poland – convenience, nationally representative, and sexual minority**

Magdalena Wizła¹, Agnieszka Glicińska¹, Aleksandra Dwulit², Mateusz Gola³, Karol Lewczuk³; m.wizla@student.uksw.edu.pl

¹Institute of Psychology, Cardinal Stefan Wyszyński University, Warsaw, Poland; ²Laboratory of Language Neurobiology, Nencki Institute of Experimental Biology, Polish Academy of Sciences, Warsaw, Poland; ³Institute of Psychology, Cardinal Stefan Wyszyński University, Warsaw, Poland; ⁴Dr Józef Babiński Clinical Psychiatric Hospital, Cracow, Poland; ⁵Swartz Center for Computational Neuroscience, Institute for Neural Computations, University of California, San Diego, United States; Institute of Psychology, Polish Academy of Sciences, Warsaw, Poland

**Personality Dimensions of Compulsive Sexual Behavior Disorder**

Jannis Engel, Marie Carstensen, Maria Veit, Jonas Kneer, Christopher Sinke, Uwe Hartmann, Tillmann H.C. Kruger; engel.jannis@mh-hannover.de

Department of Psychiatry, Social Psychiatry and Psychotherapy, Hannover Medical School, Hannover, Germany

**Identifying Symptoms of CSBD/PPU in a Romantic Relational System**

Gretchen Blycker; gretchen.blycker@gmail.com

University of Rhode Island, Hälsosam Therapy
Session 2B

Video Game Use: Risk Factors and Possible Interventions

Time: Wednesday, 23/Aug/2023: 5:30pm - 7:00pm
Location: Room B (Premier Ballroom B)
second floor

Session Chair: Sungwon Roh
Session Chair: Magdalena Rowicka

Presentations

Why is it important to respect age recommendations in video games?
Abel Nogueira-López1,2,*, Antonio Rial-Boubeta2, Belén Andrade-Pérez3, Manuel Isorna-Folgar4, Joël Billieux5
1University of León, Spain; 2University of Santiago de Compostela, Spain; 3UNICEF, Spain; 4University of Vigo, Spain; 5University of Lausanne, Switzerland; snogi@unileon.es

Relationship between Internet use and Internet addiction among children: The role of Internet literacy
Qiaolei Jiang1, Zonghai Chen1, Zizhong Zhang1, Can Zuo2
1Tsinghua University, China; 2Chinese Academy of Social Sciences, China; qiaoleijiang@tsinghua.edu.cn

Does the use of mobile devices by preschool children differentiate their cognitive functioning?
Magdalena Rowicka
The Maria Grzegorzewska University, Poland; mrowicka@aps.edu.pl

GamE: An e-Health intervention to self-manage gaming with an aim to prevent gaming disorder
Yatan Pal Singh Balhara, Siddharth Sarkar, Nishtha Laspal, Rachna Bahrgava, Zenia Yadav
AIIMS, NEW DELHI, India; ypsbalhara@gmail.com
### Session 2C
**Psychological Mechanisms in Behavioral Addictions**

**Time:**
Wednesday, 23/Aug/2023: 5:30pm - 7:00pm

**Location:** Room C (204) second floor

**Session Chair:** Elisa Wegmann
**Session Chair:** Juan. F. Navas

#### Presentations

**Experienced gratification and compensation as key mechanisms in specific addictive (online) behaviors**
*Elisa Wegmann, Stephanie Antons, Matthias Brand*
University of Duisburg-Essen, Germany; elisa.wegmann@uni-due.de

**The effect of gratification, compensation, use expectancies and habits in the development of specific internet use disorders: Preliminary results from longitudinal data**
*Andreas Oelker, Matthias Brand, Silke M. Müller*
General Psychology: Cognition and Center for Behavioral Addiction Research (CeBAR), University of Duisburg-Essen, Duisburg, Germany; andreas.oelker@uni-due.de

**Pavlovian-to-Instrumental Transfer and Outcome-Devaluation Effects in Internet Gaming Disorder**
*Linxuan Xu, Jin-tao Zhang*
State Key Laboratory of Cognitive Neuroscience and Learning and IDG/McGovern Institute for Brain Research, Beijing Normal University, Beijing, China; linxuanxu96@mail.bnu.edu.cn

**Interrelation among severity of internet addiction, callous-unemotional traits and social anxiety in adolescents**
*Anna Trusova, Anton Kanashov*
St Petersburg State University, Russian Federation; anna.v.trusova@gmail.com

**The Granada Assessment for Cross-domain Compulsivity (GRACC): A scale for the operationalization and measurement of compulsive behavior across activity domains**
*Ismael Muela¹, Juan F. Navas², Juan R. Barrada³, José López-Guerrero³, Francisco J. Rivero¹, Álvaro Lozano-Ruiz¹, Damien Brevers⁴, José C. Perales¹*

¹Mind, Brain and Behavior Research Center (CIMCYC); University of Granada, Spain; ²University Complutense of Madrid, Spain; ³Department of Psychology and Sociology, Faculty of Education, Universidad de Zaragoza, Zaragoza, Spain; ⁴Louvain Experimental Psychopathology Research Group (LEP), Psychological Sciences Research Institute (IPSy), UCLouvain, Louvain-La-Neuve, Belgium; junavas@ucm.es
### Session 2D

**Social and Interpersonal Aspects of Gaming and Internet Addiction**

- **Time:** Wednesday, 23/Aug/2023: 5:30pm - 7:00pm
- **Location:** Room D (205) second floor
- **Session Chair:** Cecilia Cheng
- **Session Chair:** Wenliang Su

### Presentations

**Roles of Parents’ Emotional Issues and Leisure Activity Engagement on Their Children’s Gaming Disorder Symptoms**

*Cecilia Cheng, Yee Tik Lam*

University of Hong Kong, Hong Kong S.A.R. (China); [ceci-cheng@hku.hk](mailto:ceci-cheng@hku.hk)

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**School climate and school identification were determinants of internet gaming disorder among adolescent gamers in China: mediation via teacher-student relationship, academic stress, and anxiety**

*Joseph T. F. Lau¹, Yanqiu Yu², Anise M.S. Wu³, Juliet Honglei Chen⁴, Deborah Baofeng Wang⁵, Guohua Zhang¹, Mengni Du⁵, Dajin Du²*

¹School of Mental Health, Wenzhou Medical University, Wenzhou, China; ²Department of Preventive Medicine and Health Education, School of Public Health, Fudan University, Shanghai, China; ³Department of Psychology, Faculty of Social Sciences, University of Macau, Taipa, Macao, China; ⁴Department of Psychology, Zhejiang Sci-Tech University, Hangzhou, Zhejiang, China; ⁵Zhejiang Provincial Clinical Research Center for Mental Disorders, The Affiliated Wenzhou Kangning Hospital; ⁶Teaching and Research Center, Bureau of Education, Linhai, China; [jlau@cuhk.edu.hk](mailto:jlau@cuhk.edu.hk)

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**Development Trend and Lability in Interpersonal Relationships Toward Adolescents: Linkages to Internet Addiction**

*Xiaomin Geng, Kunru Song, Jintao Zhang*

State Key Laboratory of Cognitive Neuroscience and Learning, Beijing Normal University, China, People's Republic of; [xmgeng@mail.bnu.edu.cn](mailto:xmgeng@mail.bnu.edu.cn)

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**Association between recreational screen time and individual- and school-level factors among Japanese elementary school children: a multilevel analysis**

*Masaaki Yamada, Michikazu Sekine, Takashi Tatsuse*

Epidemiology and Health Policy, University of Toyama, Japan; [masaakit@med.u-toyama.ac.jp](mailto:masaakit@med.u-toyama.ac.jp)

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**Internet availability and internet addiction: Patterns in China from 2003 - 2020**

*Xiaoli Han¹, Shaozhen Zhang¹, Shuang Wu¹, Zewen Wu¹, Marc N. Potenza³, Wenliang Su¹*

¹School of Humanities and Social Sciences, Fuzhou University; ³Yale University School of Medicine; [suwenliang@fzu.edu.cn](mailto:suwenliang@fzu.edu.cn)
Session 2E

Gambling: Epidemiology & Assessment

Time: Wednesday, 23/Aug/2023: 5:30pm - 7:00pm

Location: Room E (206) second floor

Session Chair: Yongseok Kim
Session Chair: Steve Sharman

Presentations

Integrating gambling prevalence surveys to understanding gambling related harm
Richard James¹, Jaimie Tillsley¹, Hyungsoo Kim¹, Lucy Hitcham¹, Richard Tunney²
¹University of Nottingham, United Kingdom; ²Aston University, United Kingdom; ljzri@nottingham.ac.uk

Large-scale web scraping for problem gambling research
Elke Smith, Simon Michalski, Jan Peters
Department of Psychology, Biological Psychology, University of Cologne, Germany; e.smith@uni-koeln.de

Harmful Gambling among the Military: Risk Factors and Lived Experience
Simon Dymond
Swansea University, United Kingdom; s.o.dymond@swansea.ac.uk

Leveraging YouTube user engagement data for research on problematic internet use and gambling-like mechanisms
Elke Smith, Yannick Poth, Kara Sohns, Jan Peters
Department of Psychology, Biological Psychology, University of Cologne, Germany; e.smith@uni-koeln.de

Lived Experience in Gambling Research: Improving what we do
Steve Sharman¹, Simon Dymond², Beverly Ostryhon³, Matthew Young³
¹King's College London, United Kingdom; ²Swansea University, United Kingdom; ³GREO, Canada; stephen.p.sharman@kcl.ac.uk

States Treaty, Corona and Trends in Online Gambling (STaCaTO): A study on website-traffic data
Andreas Manuel Bickl¹, Joana Daniel¹, Johanna Loy¹, Ludwig Kraus¹²³, Larissa Schwarzkopf¹
¹IFT - Institut für Therapieforschung München, Munich, Germany; ²Institute of Psychology, ELTE, Eötvös Loránd University, Budapest, Hungary; ³Department of Public Health Sciences, Centre for Social Research on Alcohol and Drugs, Stockholm University, Stockholm, Sweden; bickl@ift.de

Prevalence of Gambling Disorder and its Correlates among Homeless Men in Osaka City, Japan
Chiyoung Hwang¹², Taichi Takano³, Ryuhei So³, Ethan Sahker²⁴, Sho Kawakami³, Charles Livingstone⁶, Naoko Takiguchi⁷, Masako Ono-Kihara², Masahiro Kihara², Toshi A. Furukawa²
¹Mukogawa Women's University, Japan; ²Kyoto University, Japan; ³Not-for-Profit Organization The Big Issue Japan Foundation, Japan; ⁴Okayama Psychiatric Medical Center, Japan; ⁵Not-for-Profit Organization Diversity Soccer Association, Japan; ⁶Monash University, Australia; ⁷Otani University, Japan; t.takano@bigissue.or.jp
**Session 2F**

**Substance Use & Behavioral Addictions: Neuroscientific Approaches**

**Time:** Wednesday, 23/Aug/2023: 5:30pm - 7:00pm

**Location:** Room F (207) second floor

**Session Chair:** Young-Chul Jung

**Session Chair:** Giovanni Albani

## Presentations

**Cognitive deficits among patients with either gambling disorder or substance use disorders: a cluster analysis**

Lorenza Lucidi, Mauro Pettorruso, Giovanna Bubbico, Francesco Di Carlo, Alessio Mosca, Giovanni Martinotti

University of Chieti-Pescara, Italy; mauro.pettorruso@hotmail.it

**The comparison of patients with opioid use disorder and those with gambling disorder in terms of executive functions**

Orhan Kapuci¹, Merih Altintaş², Serhat Yüksel³

¹Ministry of Transport and Infrastructure Tuzla Region Port Presidency, İstanbul; ²Turkish Green Crescent Society, İstanbul; ³Faculty of Arts and Sciences, Department of Psychology, Doğuş University, İstanbul; merihatintas@gmail.com

**Neural correlates of goal-directed control in internet gaming disorder and alcohol use disorder**

Mina Kwon¹, Hang-Nyoung Choi², Harhim Park¹, Woo-Young Ahn¹, Young-Chul Jung²

¹Department of Psychology, Seoul National University, Seoul, South Korea; ²Department of Psychiatry, Yonsei University College of Medicine, Seoul, South Korea; ³Department of Brain and Cognitive Science, Seoul National University, Seoul, South Korea; kmario4180@snu.ac.kr

**Cocaine addiction, pathological gambling and l-dopa addiction: a common multidisciplinary rehabilitation approach.**

Giovanni Albani¹,²,³, Elena Gabutti², Patrizia Padula², Annalisa Caretti¹, Raffaella Critelli¹, Elisa Bacchetta¹, Patrizia Morandi², Valentina Pauselli¹, Michela Soia¹, Mauro Croce², Chiara Crosalenz²

¹Parkinson’s Didease Centre Istituto Auxologico Italiano, IRCCS, Verbania, Italy; ²MyWAY Association, Verbania, Italy; ³Department of Neurorehabilitation, Gravedona Hospital (Como), Italy; ⁴SER.D ASL VCO, Verbania Italy; albanig@auxologico.it

**Internet gaming disorder and Tobacco use disorder share neural connectivity patterns between the subcortical and the motor network**

Ruijing Zha, Hui Chen, Xiaochu Zhang

Department of Psychology, School of Humanities & Social Science, University of Science & Technology of China, Hefei, Anhui, 230027, China; zhari@ustc.edu.cn
# Session 2G

**Gaming: Personality Factors, Stress, and Psychopathology**

**Time:**
Wednesday, 23/Aug/2023: 5:30pm - 7:00pm

**Location:** Room G (302)
third floor

**Session Chair:** Ilkka Olavi Vuorinen

**Session Chair:** Renata Glavak Tkalić

## Presentations

**The impact of stress and loneliness on gambling and gaming problems**  
Ilkka Vuorinen, Iina Savolainen, Atte Oksanen  
Tampere University, Finland; ilkka.vuorinen@tuni.fi

**Stress, Gaming Time, and Problematic Game Use in Adolescents: The Moderating Role of Non-Digital Hobbies (NDHs)**  
Kyeongwoo Park¹, Hyein Chang¹, Sang Kyu Lee²  
¹Department of Psychology, Sungkyunkwan University, Seoul, Korea; ²Hallym University, Korea, Republic of (South Korea); ruddnpark@skku.edu

**The dual protective role of mindfulness against both the stressfulness of negative life events and gaming disorder among male adolescents**  
Renata Glavak Tkalić, Josip Razum, Filipa Ćavar, Anja Wertag, Goran Milas  
Institute of Social Sciences Ivo Pilar, Croatia; renata.glavak.tkalic@pilar.hr

**Insomnia severity as a mediating pathway of the association between adverse childhood experiences and internet gaming disorder in Chinese young adults**  
Ningyuan Guo, Lin Wang  
Shanghai Jiao Tong University, China, People's Republic of; nyguo@shsmu.edu.cn
### Session 2H

**Addiction is a Symptom of a Spiritual Malady...Workshop regarding How to Recover**

<table>
<thead>
<tr>
<th>Time:</th>
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<tr>
<td>Wednesday, 23/Aug/2023:</td>
<td>third floor</td>
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<tr>
<td>5:30pm - 7:00pm</td>
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**Session Chair:** Paulina Pantyleva

**Presentations**

**Addiction is a Symptom of a Spiritual Malady...Workshop regarding How to Recover**

Paulina Pantyleva

My Secret Life as a Sex Addict, author, United States of America: ppanties333@gmail.com
## Session 3A

**Compulsive Buying/Shopping Disorder**

**Time:**
Thursday, 24/Aug/2023:
11:00am - 12:30pm

**Location:** Room A (Premier Ballroom A)
second floor

### Session Chair: Nora M. Laskowski

### Session Chair: Patrick Trotzke

### Presentations

#### A systematic review of cognitive functions in compulsive buying-shopping disorder

_Tobias A. Thomas¹, Mathildee Joshi¹, Patrick Trotzke², Sabine Steins-Loeber³, Astrid Müller¹_

¹Medizinische Hochschule Hannover, Hanover, Germany; ²IU International University of Applied Sciences, Erfurt, Germany; ³Otto-Friedrich-University of Bamberg, Bamberg, Germany; _thomas.tobias@mh-hannover.de_

#### Cue-induced craving and inhibitory control in the context of Buying-Shopping-Disorder

_Patrick Trotzke¹, Matthias Brand²,³, Stephanie Antons²,³_

¹IU International University of applied sciences, Erfurt, Germany; ²General Psychology; Cognition and Center for Behavioral Addiction Research, University of Duisburg-Essen, Duisburg, Germany; ³Erwin L. Hahn Institute for Magnetic Resonance Imaging, Essen, Germany; _patrick.trotzke@iu.org_

#### Differential Correlates of Pathological and Impulsive Buying

_Benjamin G. Serfas¹, Oliver B. Büttner¹, Matthias Brand¹, Astrid Müller², Patrick Trotzke³_

¹University of Duisburg-Essen, Germany; ²Hannover Medical School, Germany; ³IU International University of Applied Sciences; _benjamin.serfas@uni-due.de_

#### Do personality characteristics mediate the relation between life events and Compulsive Buying Shopping Disorder (CBSD)?

_Emeline Chauchard¹, Chloé Forcier¹, Marianne Balem²,³, Marie Grall-Brunec²,³, Gaëlle Challet-Bouju²,³_

¹Nantes Université, Univ Angers, Laboratoire de psychologie des Pays de la Loire, LPPL, UR 4638, F-44000 Nantes, France; ²Nantes Université, CHU Nantes, UIC Psychiatrie et Santé Mentale, F-44000 Nantes, France; ³Nantes Université, Univ Tours, CHU Nantes, CHU Tours, INSERM, MethodS in Patients centered outcomes and HEalth ResEarch, SPHERE, F-44000 Nantes, France; _emeline.chauchard@univ-nantes.fr_

#### Treatment for Compulsive Buying-shopping Disorder – A systematic review

_Nora M. Laskowski¹,², Astrid Müller², Tobias A. Thomas², Stephanie Antons³, Nadja Tahmassebi⁴, Sabine Steins-Loeber³, Matthias Brand³,⁴, Ekaterini Georgiadou⁵_

¹University Clinic for Psychosomatic Medicine and Psychotherapy, Medical Faculty, Campus East-Westphalia, Ruhr-University Bochum, Luebecke, Germany; ²Department of Psychosomatic Medicine and Psychotherapy, Hannover Medical School, Hanover, Germany; ³General Psychology; Cognition and Center for Behavioral Addiction Research (CeBAR), University of Duisburg-Essen, Germany; ⁴salus Klinik Friedrichsdorf, Germany; ⁵Department of Clinical Psychology and Psychotherapy, University of Bamberg, Germany; ⁶Erwin L. Hahn Institute for Magnetic Resonance Imaging, Essen, Germany; ⁷Department of Psychiatry and Psychotherapy, Paracelsus Medical University Nuremberg, Germany; _laskowski.nora@mh-hannover.de_
### Session 3B

**Evaluating the Relationship between Gender and Technology-use Disorders Beyond the Borders**

**Time:** Thursday, 24/Aug/2023: 11:00am - 12:30pm

**Location:** Room B (Premier Ballroom B) second floor

**Session Chair:** Kristiana Siste
**Session Chair:** John Saunders

### Presentations

**Evaluating the Relationship between Gender and Technology-use Disorders Beyond the Borders**  
Chair(s): Kristiana Siste (University of Indonesia, Indonesia), Sophia Achab (Université de Genève, Geneva, Switzerland), John Saunders (The University of Queensland, St Lucia, Australia)

**Challenges and responses towards meeting care needs of Women for technology-use in Switzerland**  
Sophia Achab; sophia.achab@hcuge.ch  
Clinical and Sociological Research Unit, Department of Psychiatry, Faculty of Medicine, University of Geneva, Switzerland

**Gender disparity in Internet addiction: Focus on the impediment of addictive behavior treatment and potential prospective remedies**  
Kristiana Siste, Enjeline Hanafi, Lee Thung Sen, Belinda Julivía Murtani, Hans Christian; ksiste@yahoo.com  
Department of Psychiatry, Faculty of Medicine, Universitas Indonesia—Dr. Cipto Mangunkusumo National Central General Hospital, Jakarta 10430, Indonesia

**Gender differences in clinical characteristics of gaming disorder and internet addiction**  
Satoko Mihara, Takashi Kitayuguchi, Takanobu Matsuzaki, Susumu Higuchi; mihara.satoko.pd@mail.hosp.go.jp  
National Hospital Organization Kurihama Medical and Addiction Center, Yokosuka, 239-0841, Japan

**Characteristics of women with symptoms of gaming disorder in Australia, Canada, USA, and UK – findings from the 2022 International Gaming Study**  
Janni Leung, Gary Chan, Daniel Stjepanovic, Calvert Tisdale, John Saunders, Matthew Gullo, Leanne Hides, Jason Connor; j.leung1@uq.edu.au  
National Centre for Youth Substance Use Research, The University of Queensland, St Lucia, Australia

**Public health considerations on gender differences in technology use in China**  
Jiang Long; longjiang@smhc.org.cn  
Shanghai Mental Health Center, Shanghai Jiao Tong University School of Medicine, Shanghai, China; Yale School of Medicine, Yale University, New Haven, Connecticut, USA; Faculty of Medicine, University of Malaya, Kuala Lumpur, Malaysia
## Session 3C

### Advances in the assessment and treatment of compulsive sexual behaviours

**Time:** Thursday, 24/Aug/2023, 11:00am - 12:30pm  
**Location:** Room C (204), second floor

**Session Chair:** Rudolf Stark

### Presentations

#### Advances in the assessment and treatment of compulsive sexual behaviours

Chair(s): Mateusz Gola (Swartz Center for Computational Neuroscience, Institute for Neural Computations, University of California, San Diego, United States; Institute of Psychology, Polish Academy of Sciences, Warsaw, Poland), Rudolf Stark (Department of Psychotherapy and Systems Neuroscience, Justus-Liebig-University Giessen, Germany; Bender Institute of Neuroimaging, Justus-Liebig-University Giessen, Germany)

Presentations of the Symposium

##### Compulsive Sexual Behavior Disorder assessment and diagnosis – field trial study based on psychiatric interviews – design and preliminary results

Karol Lewczuk¹, Magdalena Wizła¹, Michał Lew-Starowicz², Shane W. Kraus², Mateusz Gola³; kar.lewczuk@gmail.com  
¹Institute of Psychology, Cardinal Stefan Wyszyński University, Warsaw, Poland; ²Department of Psychiatry, Centre of Postgraduate Medical Education, Warsaw, Poland; ³Department of Psychology, University of Nevada, Las Vegas, NV, USA, ²Swartz Center for Computational Neuroscience, Institute for Neural Computations, University of California, San Diego, United States; ¹Institute of Psychology, Polish Academy of Sciences, Warsaw, Poland

##### Pornography-use disorder: Current care situation and therapy interests in Germany

Rudolf Stark¹, Sarah Golder¹, Florian Storz², Bertram Walter¹, Charlotte Markert¹; rudolf.stark@psychol.uni-giessen.de  
¹Department of Psychotherapy and Systems Neuroscience, Justus-Liebig-University Giessen, Germany; ²Department of Psychotherapy and Systems Neuroscience, Justus-Liebig-University Giessen, Germany

##### PornLoS: Treatment of the pornography-use disorder

Sarah Golder¹, Florian Storz², Rhea Psarros², Charlotte Markert¹, Rudolf Stark¹; sarah.golder@psychol.uni-giessen.de  
¹Department of Psychotherapy and Systems Neuroscience, Justus-Liebig-University Giessen, Germany; ²Department of Psychotherapy and Systems Neuroscience, Justus-Liebig-University Giessen, Germany

##### Neural changes after 5-month pharmacological treatment of Compulsive Sexual Behavior Disorder – double blind fMRI study with paroxetine, naltrexone and placebo

Mateusz Gola¹, Małgorzata Draps², Ewelina Kowalewska³, Michał Lew-Starowicz⁴; mgola@ucsd.edu  
¹Swartz Center for Computational Neuroscience, Institute for Neural Computations, University of California, San Diego, United States; ²Institute of Psychology, Polish Academy of Sciences, Warsaw, Poland; ³Institute of Psychology, Polish Academy of Sciences, Warsaw, Poland; ⁴Department of Psychiatry, Centre of Postgraduate Medical Education, Warsaw, Poland
### Session 3D

**Gaming and Esport: Epidemiological Issues**

**Time:** Thursday, 24/Aug/2023: 11:00am - 12:30pm

**Location:** Room D (205) second floor

**Session Chair:** Angelica B. Ortiz de Gortari

**Session Chair:** Sun-Jin Jo

**Presentations**

**Gaming patterns and mediators of problematic gaming in esports students**

*Angelica B. Ortiz de Gortari, Age Diseth, Barbara Wasson*

SLATE, University of Bergen, Norway; angelica.ortizdeortari@uib.no

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**Assessing celebrity effect in the eSports industry on emerging adults’ gaming behaviors and gaming disorder in China**

*Ningyuan Guo, Lin Wang*

Shanghai Jiao Tong University, China, People's Republic of; nyguo@shsmu.edu.cn

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**Adolescent Online Game Use, Gaming Disorder, and Its Health Consequences in Korea**

*Sun-Jin Jo¹, Hyeon Woo Yim¹, Hyunsuk Jeong¹, Hae Kook Lee², Gihwan Byeon³, Jong-Ik Park³*

¹The Catholic University of Korea, Republic of Korea; ²The Catholic University of Korea Uijeongbu St. Mary’s Hospital, Republic of Korea; ³Kangwon National University Hospital, Republic of Korea; jiny4u@catholic.ac.kr

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**Investigating prevalence rates and risk factors for problematic Internet use and gaming in a large sample of Spanish adolescents.**

*Abel Nogueira-López¹,², Antonio Rial-Boubeta³, Ignacio Guadix-Garcia³, Victor Villanueva-Blasco⁴, Joël Billieux⁵*

¹University of León, Spain; ²University of Santiago de Compostela, Spain; ³Valencian International University, Spain; ⁴UNICEF, Spain; ⁵University of Lausanne, Switzerland; anogl@unileon.es
## Session 3E

**Gambling: Miscellaneous**

**Time:** Thursday, 24/Aug/2023: 11:00am - 12:30pm  
**Location:** Room E (206) second floor

**Session Chair:** Hyoun Soo Kim  
**Session Chair:** Marianne Balem

### Presentations

**Characteristics of In-Play Sports Bettors and Antecedents of In-Play Bets**  
*Hyoun Soo Kim*, *Jenna Viera*, *Sophie Coelho*, *Matthew Keough*  
Toronto Metropolitan University, Canada; York University; andrewhs.kim@ryerson.ca

**Gambling adverts during live TV broadcasts of Euro 2020 and Qatar 2022 World Cup: A comparative study**  
*Steve Sharman*, *Theodore Piper*, *Catia Ferreira*, *Philip Newall*  
King’s College London, United Kingdom; University of Bristol, United Kingdom; Anglia Ruskin University; stephen.p.sharman@kcl.ac.uk

**Slot Machine Near-Misses in Different Type of Virtual Reality**  
*Steve Sharman*  
King’s College London, United Kingdom; University of East London, United Kingdom; stephen.p.sharman@kcl.ac.uk

**Social connectedness and gambling in New Zealand**  
*Grace Wang*, *Maria Bellringer*  
University of Southern Queensland, Australia; Auckland University of Technology, New Zealand; grace.wang@usq.edu.au

**COVID-19 and online gambling: Impact of the COVID-19 pandemic on online gambling among users of the French national online websites**  
*Marianne Balem*, *Bastien Perrot*, *Anna Karlsson*, *Anders Håkansson*, *Gaëlle Challet-Bouju*  
Nantes Université, Univ Tours, CHU Nantes, CHU Tours, INSERM, MethodS in Patients centered outcomes and HEalth ResEarch, SPHERE, F-44000 Nantes, France; Nantes Université, CHU Nantes, UIC Psychiatrie et Santé Mentale, F-44000 Nantes, France; Faculty of Medicine, Department of Clinical Sciences Lund, Psychiatry, Lund University, Lund, Sweden; Nantes Université, CHU Nantes, Biostatistics and Methodology Unit, Department of Clinical Research and Innovation, F-44000 Nantes, France; Malmö Addiction Center, Region Skåne, Malmö, Sweden; marianne.balem@chu-nantes.fr
### Prevalence of eating disorders among individuals at risk of exercise addiction: Considering, culture, gender, and competitive/recreational status

**Attila Szabo**  
ELTE Eötvös Loránd University, Hungary; szabo.attila@ppk.elte.hu

### Exercise Addiction, Eating Disorders and Insecure Attachment Style

**Dalit Lev Arey, Asaf Blatt, Yonatan Wairuich, Adi Sagi**  
TEL AVIV ACADEMIC COLLEGE, Israel; dalitlevarey@gmail.com

### Understanding Problematic Practice of Physical Activity: A Mixed Method Approach

**Gayatri Kotbagi, Ketoki Mazumdar**  
FLAME University, Pune, India; gayatri.kotbagi@flame.edu.in
## Session 3G

### Treatment: Internet Addiction and Gaming Disorder 1.

**Time:**
Thursday, 24/Aug/2023: 11:00am - 12:30pm

**Location:** Room G (302) third floor

**Session Chair:** KyeSeong Lee
**Session Chair:** Yu Pu

### Presentations

**Five-week of Solution-focused Group Counseling Significantly Reduces Internet Addiction in College Students: Evidence from Behavior and Resting State EEG**

Yu Pu, Yuting Liu, Xinhe Zhang, Qinghua He
Faculty of Psychology, Ministry of Education Key Laboratory and Personality, Southwest University, Chongqing, China; pyu7939@gmail.com

**Internet Addiction Treatment in Children and Adolescents – evaluation and recommendations from a pilot project in Poland**

Magdalena Rowicka¹, Bogusława Bukowska²
¹The Maria Grzegorzewska University, Poland; ²National Center for Addiction Prevention; mrowicka@aps.edu.pl

**Yoga as an adjuvant with multi-modal psychological interventions for excessive use of technology: A pilot study from India**

Ashwini Dilip Tadpatrikar, Manoj Kumar Sharma, Hemant Bhargav, Nitin Anand, Priyamvada Sharma, Shubham Sharma
National Institute of Mental Health and Neuro Sciences (NIMHANS), Bengaluru, India; tadpatrikarashwini6@gmail.com

**Online New Page**

Chun Yu Joe Tang
Hong Kong Christian Service, Hong Kong S.A.R. (China); joetang@hkcs.org
# Session 3H

**Behavioral Addictions: Insights from Singapore**

**Time:** Thursday, 24/Aug/2023: 11:00am - 12:30pm

**Session Chair:** Cheng Lee

**Session Chair:** Melvyn Weibin Zhang

## Presentations

**Behavioral Addictions: Insights from Singapore**

*Chair(s): Lee Cheng (Institute of Mental Health, Singapore), Melvyn Weibin Zhang (Institute of Mental Health, Singapore)*

**Presentations of the Symposium**

**Introduction to the National Addictions Management Service (NAMS)**

*Lee Cheng; cheng_lee@imh.com.sg*

NAMS, Institute of Mental Health, Singapore

**Gaming Disorder: Insights into Research in Singapore and an Overview of the Top 100 Citations Globally**

*Melvyn Zhang; melvyn_wb_zhang@imh.com.sg*

NAMS, Institute of Mental Health, Singapore

**Compulsive Sexual Behaviour Disorder: Insights**

*Gomathinayagam Kandasami; Gomathinayagam_kandasami@imh.com.sg*

NAMS, Institute of Mental Health, Singapore

**Treatment of IGD at NAMS**

*Evelyn Goh; evelyn_yl_goh@imh.com.sg*

NAMS, Institute of Mental Health, Singapore
### Session 4A

**Work Addiction**

**Time:**
Thursday, 24/Aug/2023: 1:30pm - 3:00pm

**Location:** Room A (Premier Ballroom A) second floor

**Session Chair:** Bernadette Kun
**Session Chair:** Ruimei Sun

#### Presentations

**The current state of knowledge on micro, meso, and macro risk factors of work addiction and the design of a global survey in over 60 countries**

_Pawel Andrzej Atroszko¹, Edyta Charzyńska²_

¹Uniwersytet Gdański, Poland; ²Uniwersytet Śląski w Katowicach, Poland; pawel.atroszko@gmail.com

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**Substance use habits in work addiction**

_Bernadette Kun¹, Anna Magi¹², Andrea Eisinger¹², Borbála Paksi³, Zsolt Demetrovics¹⁴_

¹Institute of Psychology, ELTE Eötvös Loránd University, Hungary; ²Doctoral School of Psychology, ELTE Eötvös Loránd University, Hungary; ³Institute of Education, ELTE Eötvös Loránd University, Hungary; ⁴Centre of Excellence in Responsible Gaming, University of Gibraltar, Gibraltar, Gibraltar; kun.bernadette@ppk.elte.hu

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**Role of Obsessive-Compulsive Personality Disorder in Work Addiction, Burnout and Physical Health**

_Barbara Mervo¹, Zsolt Demetrovics¹², Bernadette Kun¹_

¹Institute of Psychology, ELTE Eötvös Loránd University, Hungary; ²Centre of Excellence in Responsible Gaming, University of Gibraltar; mervo.barbara@ppk.elte.hu

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**Comorbidity of work addiction with depression among Chinese white-collar workers**

_Ruimei Sun¹², Long W. Lam²³, Anise M. S. Wu¹²_

¹Department of Psychology, Faculty of Social Sciences, University of Macau, Avenida da Universidade, Taipa, Macau, China; ²Center for Cognitive and Brain Sciences, University of Macau, Avenida da Universidade, Taipa, Macau, China; ³Department of Management and Marketing, Faculty of Business Administration, University of Macau, Macau, China; yc17306@um.edu.mo

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**Comparing work addiction and gaming disorder in terms of inhibition and impulsiveness**

_Zsuzsanna Viktória Pesty¹, Krisztina Berta¹², Teodóra Vékony³, Dezső Németh¹⁴, Bernadette Kun¹_

¹Institute of Psychology, ELTE Eötvös Loránd University, Budapest, Hungary; ²Doctoral School of Psychology, ELTE Eötvös Loránd University, Budapest, Hungary; ³Lyon Neuroscience Research Center, Université de Lyon, Lyon, France; ⁴Brain, Memory and Language Research Group, Institute of Cognitive Neuroscience and Psychology, Research Centre for Natural Sciences, Budapest, Hungary; zsuszty@gmail.com
# Session 4B

## Qualitative Studies of Behavioral Addictions

**Time:** 1:30pm - 3:00pm  
**Location:** Room B (Premier Ballroom B), second floor

**Session Chair:** Hagit Bonny-Noach  
**Session Chair:** Arun Kandasamy

### Presentations

#### “Poker is like cannabis while illegal sports betting is like heroin:” Qualitative study on illegal gambling in Israel

*Hagit Bonny-Noach*  
Ariel University, Israel; [hagitbo@gmail.com](mailto:hagitbo@gmail.com)

#### Perspectives on the gaming behaviour among the stakeholders associated with gaming: A qualitative study from India

*Sudheendra Huddar*, *Arun Kandasamy*, *Lekhansh Shukla*, *Gitanjali Narayanan*  
1: Amaha Health, Mumbai; 2: National Institute of Mental Health and Neurosciences, Bengaluru; [docsudhee@gmail.com](mailto:docsudhee@gmail.com)

#### Problematic and healthy intensive video gaming: a qualitative study on adolescents

*Josip Razum*, *Aleksandra Huić*  
1: Ivo Pilar Institute of Social Sciences, Croatia; 2: Department of psychology, Faculty of Humanities and Social Sciences, University of Zagreb; [josip.razum@pilar.hr](mailto:josip.razum@pilar.hr)

#### Spectrum model of gaming behaviours: From normative to pathological

*Arun Kandasamy*, *Sudheendra Huddar*, *Lekhansh Shukla*, *Gitanjali Narayanan*  
National Institute of Mental Health & Neurosciences, Bangalore, India; [arunnimhans05@gmail.com](mailto:arunnimhans05@gmail.com)
### Session 4C

**Neurobiological and psychological mechanisms underlying problematic pornography use and compulsive sexual behaviours**

**Time:** Thursday, 24/Aug/2023: 1:30pm - 3:00pm  
**Location:** Room C (204)  
**Session Chair:** Stephanie Antons  
**Session Chair:** Beata Bothe

### Presentations

**Neurobiological and psychological mechanisms underlying problematic pornography use and compulsive sexual behaviours**

Chair(s): **Stephanie Antons** (Department of General Psychology: Cognition and Center for Behavioral Addiction Research, University of Duisburg-Essen, Duisburg, Germany; Erwin L. Hahn Institute for Magnetic Resonance Imaging, Essen, Germany), **Beáta Bóthe** (Département de Psychologie, Université de Montréal, Montreal, Canada)

**Presentations of the Symposium**

**Psychology and neurobiology of problematic pornography use**  
**Matthias Brand, Stephanie Antons:** matthias.brand@uni-due.de  
Department of General Psychology: Cognition and Center for Behavioral Addiction Research, University of Duisburg-Essen, Duisburg, Germany; Erwin L. Hahn Institute for Magnetic Resonance Imaging, Essen, Germany

**Are there differences in appetitive conditioning and extinction processes with pornographic, gaming-related, and monetary reward stimuli in problematic pornography users and problematic gamers?**  
**Kseniya Krikova¹, Sanja Klein², Isabella Tapia León³, Tim Klucken⁴, Rudolf Stark⁵; kseniya.krikova@psychol.uni-giessen.de  
¹Department of Clinical Psychology and Psychotherapy, University of Siegen, Germany; Department of Psychotherapy and Systems Neuroscience, Justus-Liebig-University Giessen, Germany; Bender Institute of Neuroimaging, Justus-Liebig-University Giessen, German,  
²Department of Psychotherapy and Systems Neuroscience, Justus-Liebig-University Giessen, Germany; Bender Institute of Neuroimaging, Justus-Liebig-University Giessen, German,  
³Department of Clinical Psychology and Psychotherapy, University of Siegen, Germany; Bender Institute of Neuroimaging, Justus-Liebig-University Giessen, German,  
⁴Department of Clinical Psychology and Psychotherapy, University of Siegen, Germany

**Complex associations between pornography use frequency, problematic pornography use, and five aspects of sexual function – Insights from the 43-country International Sex Survey (ISS)**  
**Beáta Bóthe¹, Mónika Koós², Léna Nagy³, Émilie Gaudet⁴, Aurélie Michaud⁵, Zsolt Demetrovics⁶, Shane W. Kraus⁷, Marc N. Potenza⁸; beata.bothe@umontreal.ca  
¹Département de Psychologie, Université de Montréal, Montreal, Canada, ²Institute of Psychology, ELTE Eötvös Loránd University, Budapest; Doctoral School of Psychology, ELTE Eötvös Loránd University, Budapest, Hungary, ³Centre of Excellence in Responsible Gaming, University of Gibraltar, Gibraltar; Institute of Psychology, ELTE Eötvös Loránd University, Budapest, Hungary, ⁴Department of Psychology, University of Nevada, Las Vegas, Las Vegas, NV, USA, ⁵Departments of Psychiatry and Neuroscience and Child Study Center, Yale School of Medicine, New Haven, CT, United States; Connecticut Council on Problem Gambling, Wethersfield, CT, United States; Connecticut Mental Health Center, New Haven, CT, United States

**Similarities and differences of compulsive sexual behavior disorder and pornography use disorder**  
**Stephanie Antons¹, Marc N. Potenza², Matthias Brand³; stephanie.antsons@protonmail.com  
¹Department of General Psychology: Cognition and Center for Behavioral Addiction Research, University of Duisburg-Essen, Duisburg, Germany; Erwin L. Hahn Institute for Magnetic Resonance Imaging, Essen, Germany, ²Departments of Psychiatry and Neuroscience and Child Study Center, Yale School of Medicine, New Haven, CT, United States; Connecticut Council on Problem Gambling, Wethersfield, CT, United States; Connecticut Mental Health Center, New Haven, CT, United States
## Session 4D

**Gaming Disorder within the broader Technology Addiction Network: The role of Avatar and Online Flow effects**

*Time:* Thursday, 24/Aug/2023: 1:30pm - 3:00pm

*Location:* Room D (205), second floor

*Session Chair:* Vasileios Stavropoulos, Lukas Blinka

### Presentations

**Gaming Disorder within the broader Technology Addiction Network: The role of Avatar and Online Flow effects.**
Chair(s): **Vasileios Stavropoulos** (Victoria University, Australia), **Lukas Blinka** (Masaryk University, The Czech Republic)

Presentations of the Symposium

1. **User-Avatar Bond 2.0: development of a new-old scale and its association with gaming disorder and life satisfaction.**
   - Lukas Blinka¹, Dita Šiřinková², Andrea Stašek²; lukasblinka@gmail.com
   - Masaryk University, The Czech Republic, ³Masaryk University

2. **Utilizing machine learning to understand the severity of gaming disorder symptoms: The role of the User-Avatar Bond**
   - Vasileios Stavropoulos¹, Daniel Zarate¹, Maria Prokofieva¹, Bruno Schivinski², Taylor Brown¹; vasileios.stavropoulos@vu.edu.au
   - ¹Victoria University, ²RMIT

3. **Modelling Online Flow associations with Gaming Disorder behaviors: a Network Analysis Approach**
   - Trent Footitt¹, Vasileios Stavropoulos¹, Taylor Brown¹, Daniel Zarate¹, Michelle Carras³; Trent.footitt@live.vu.edu.au
   - ¹Victoria University, ²Victoria University, ³Johns Hopkins Bloomberg School of Public Health, Radboud University

4. **Proteus Effect associations with Gaming Disorder and Physical Activity behaviors: A Latent Profiles Analysis approach**
   - Taylor Brown¹, Kara Dadswell¹, Rachel Kowert², Young Yim Doh³, Vasileios Stavropoulos¹; taylor.brown@live.vu.edu.au
   - ¹Victoria University, ²Take This, ³KAIST

5. **The Longitudinal Network of Online Behavioral Addictions: Are there gender differences?**
   - Daniel Zarate, Genevieve Dorman, Maria Prokofieva, Romana Morda, Vasileios Stavropoulos; Daniel.Zarate2@vu.edu.au
   - Victoria University
**Session 4E**

**Psychopathological Correlates of Social Media Use**

**Time:**
Thursday, 24/Aug/2023: 1:30pm - 3:00pm

**Location:** Room E (206) second floor

**Session Chair:** JongSerl Chun
**Session Chair:** Beatrix Koronczai

**Presentations**

<table>
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<tr>
<th>Presentation</th>
<th>Authors</th>
<th>Affiliations</th>
<th>Contact</th>
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<tbody>
<tr>
<td>Longitudinal association between problematic social media use and body image in a representative sample of young adults</td>
<td>Beatrix Koronczai(^1), Gyöngyi Kökönyei(^1,2,3), Borbála Paksi(^4), Zsolt Demetrovics(^1,5)</td>
<td>(^1)ELTE Eotvos Lorand University, Hungary; (^2)SE-NAP 2 Genetic Brain Imaging Migraine Research Group, Semmelweis University, Budapest, Hungary; (^3)Department of Pharmacodynamics, Faculty of Pharmaceutical Sciences, Semmelweis University, Budapest, Hungary; (^4)Institute of Education, ELTE Eötvös Loránd University, Budapest, Hungary; (^5)Centre of Excellence in Responsible Gaming, University of Gibraltar, Gibraltar, Gibraltar; <a href="mailto:koronczai.beatrix@ppk.elte.hu">koronczai.beatrix@ppk.elte.hu</a></td>
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<tr>
<td>Instagram engagement in BDD: An exploration of the experiences using Instagram with Body Dysmorphic Disorder</td>
<td>Francesca Chloe Ryding, Lydia Harkin, Daria Kuss</td>
<td>Nottingham Trent University, United Kingdom; <a href="mailto:chloe.ryding@ntu.ac.uk">chloe.ryding@ntu.ac.uk</a></td>
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<tr>
<td>Addictive Social Media Use Predicts Depressive Symptoms in Adolescents: Results From a Cross-Sectional Study of 513 German High-School Students</td>
<td>Katharina Leo, Julia Arnold, Sonja Kewitz, Katajun Lindenberg</td>
<td>Goethe-Universität Frankfurt, Germany; <a href="mailto:kewitz@uni-mainz.de">kewitz@uni-mainz.de</a></td>
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<tr>
<td>Problematic Social Media Use, Depression, and Emotional Regulation Difficulties among Young Adults in India</td>
<td>Jayesh Suresh Kande, Nitin Anand, Manoj Kumar Sharma, Binu V.S</td>
<td>National Institute of Mental Health and Neuro Sciences (NIMHANS), India; <a href="mailto:nitinanand19800@gmail.com">nitinanand19800@gmail.com</a></td>
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</table>
## Session 4F

### Food Addiction & Eating Disorders

**Time:**
Thursday, 24/Aug/2023: 1:30pm - 3:00pm

**Location:** Room F (207) second floor

**Session Chair:** Marie Grall-Bronnec
**Session Chair:** Anna Brytek-Matera

### Presentations

**Food Addiction Among Young Adult Women and Men: Prevalence, Potential Risk Factors and Consequences**
Anna Brytek-Matera¹, Edyta Charzyńska², Paweł Atroszko³
¹Institute of Psychology, University of Wrocław, Poland; ²Institute of Psychology, University of Silesia, Poland; ³Institute of Psychology, University of Gdańsk, Poland; anna.brytek-matera@uwr.edu.pl

**Food addiction, BMI and another psychological variables in the Czech adolescence**
Helena Pipova, Martin Dolejš, Jaroslava Suchá
Palacký University Olomouc, Czech Republic; helena.pipova@gmail.com

**Leading an ideal life, modern eating habits, and addiction-like eating in Chinese adults**
Haofeng Ling¹, Juliet Honglei Chen², Anise M. S. Wu¹
¹Department of Psychology, Faculty of Social Sciences, University of Macau, Macao, China; ²Zhejiang Sci-Tech University, Hangzhou, China; yc17317@um.edu.mo

**Is pre-surgical food addiction associated with adverse mental health outcomes before and after obesity surgery?**
Tobias Alexander Thomas¹, Katja Tilk¹, Melanie Pommritz¹, Thomas P. Hüttli², Günther Meyer³, Ruth Wunder³, Hinrich Köhler¹, Martina de Zwaan¹
¹Department of Psychosomatic Medicine and Psychotherapy, Hannover Medical School, Hanover, Germany; ²Department of General, Visceral, and Bariatric Surgery, Dr. Lukos Klinikum Bogenhausen, Munich, Germany; ³Department of General, Visceral, and Bariatric Surgery, KRH-Klinikum Nordstadt, Hanover, Germany; ⁴Department of General, Visceral, and Bariatric Surgery, AMC-WolfartKlinik, Gräfeling, Germany; ⁵Department of General, Visceral, and Bariatric Surgery, DRK-Krankenhaus Clementinenhaus, Hanover, Germany; ⁶Department of General, Visceral, and Bariatric Surgery, Herzogin Elisabeth Hospital, Braunschweig, Germany; thomas.tobias@mh-hannover.de

**Is history of abuse a predictive factor of recovery from eating disorders with binge-eating episodes? A French longitudinal study**
Marie Grall-Bronnec¹,², Clémente Cabelguen¹,², Anaïs Saillard¹, Antoine Vanier²,³, Manuel Deslandes¹, Juliette Leboucher¹, Morgane Rousselet¹,², Elsa Thiabaud¹, Gaëlle Challet-Bouju¹,²
¹Nantes Université, CHU Nantes, UIC Psychiatrie et Santé Mentale, F-44000 Nantes, France; ²Nantes Université, Univ Tours, CHU Nantes, CHU Tours, INSERM, Methods in Patients centered outcomes and HEalth ResEarch, SPHERE, F-44000 Nantes, France; ³Haute Autorité de Santé, Health Technology Assessment Department, F-93218 Saint-Denis La Plaine, France; marie.bronnec@chu-nantes.fr

**Neuropeptide Y neurons in nucleus accumbens lead to food addiction by appetitive food experience memory**
Yu-Been Kim, Deok-Hyeon Cheon, Sang-Ho Jung, Leslie Jaeson Ha, Solin Beak, Hyung Jin Choi
Seoul National University College of Medicine, Korea, Republic of (South Korea); hjchoi@snu.ac.kr
# Session 4G

**Treatment of Gaming Disorder**

<table>
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<tr>
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**Session Chair:** Jennifer J. Park  
**Session Chair:** Sanni Nuutinen

## Presentations

**The effectiveness of an internet-delivered intervention “Gaming Habit Hacker” for gaming disorder: A randomised controlled trial**  
*Jennifer J. Park¹, Daniel L. King², Laura Wilkinson-Meyers¹, Simone N. Rodda³*  
¹School of Population Health, The University of Auckland, New Zealand; ²College of Education, Psychology & Social Work, Flinders University, Australia; ³Department of Psychology and Neuroscience, Auckland University of Technology, New Zealand; Jennifer.park@auckland.ac.nz

**Group Motivational Interviewing for young people with risks for gaming disorder: Preliminary outcomes and lessons learned**  
*Nick Tse¹, Andrew Siu², Sharon Tsang³*  
¹Department of Applied Social Sciences, HKCT Institute of Higher Education, Hong Kong S.A.R. (China); ²Occupational Therapy, Department of Health Sciences, Brunel University London; ³Department of Rehabilitation Sciences, The Hong Kong Polytechnic University, Hong Kong S.A.R. (China); nicktse@cithe.edu.hk

**Diverse gaming problems and an effective intervention**  
*Sanni Nuutinen, Tuomas Hallamaa*  
The Finnish Blue Ribbon, Finland; sanni.nuutinen@peluuri.fi

**Development and effectiveness verification of a family support program**  
*Satoko Mihara, Takashi Kitayuguchi, Takanobu Matsuzaki, Susumu Higuchi*  
National Hospital Organization Kurihama Medical and Addiction Center, Japan; mihara.satoko.pd@mail.hosp.go.jp

**Using board games in Gaming disorder.**  
*Seunghyun Park*  
Daedong Hospital, Korea, Republic of (South Korea); cooledricesh@gmail.com
Session 4H

Behavioral Addictions: Miscellaneous

Time: Thursday, 24/Aug/2023: 1:30pm - 3:00pm
Location: Room H (303) third floor

Session Chair: Lea Péter
Session Chair: Christina Galanis

Presentations

Religiosity and behavioral addictions
Lea Péter1, Bettina Kata Kádár1, Zsolt Demetrovics2,3, Borbála Paksi4, Zsolt Horváth2, Andrea Eisinger2,3, Katalin Felvinczi2, Bálint Andó1
1Department of Psychiatry, University of Szeged, Szeged, Hungary; 2Institute of Psychology, ELTE Eötvös Loránd University, Budapest, Hungary; 3Centre of Excellence in Responsible Gaming, University of Gibraltar, Gibraltar, Gibraltar; 4Institute of Education, ELTE Eötvös Loránd University, Budapest, Hungary; 5Doctoral School of Psychology, ELTE Eötvös Loránd University, Budapest, Hungary;
peter.lea@med.u-szeged.hu

Stigma in substance-based and behavioral addictions: A systematic review
Christina Galanis, Daniel King
Flinders University, Australia; christina.galanis@flinders.edu.au

Finding your way in the complex area of behavioral addictions
Agnès Cadet-Taïrou
French Monitoring Center For Drugs and Drug Addiction (OFDT), France; agnes.cadet@ofdt.fr
Session 5A
Neuroscientific Perspectives on Technological Addictions

Time: Thursday, 24/Aug/2023: 3:30pm - 5:00pm
Location: Room A (Premier Ballroom A) second floor

Session Chair: Christian Montag
Session Chair: Yun-Hsuan Chang

Presentations

A neuroscientific perspective on smartphone use disorder: what do we know and where to go from there
Christian Montag¹, Benjamin Becker²,³
¹Department of Molecular Psychology, Institute of Psychology and Education, Ulm University, Germany; ²The Center of Psychosomatic Medicine, Sichuan Provincial Center for Mental Health, Sichuan Provincial People's Hospital, University of Electronic Science and Technology of China, Chengdu, China; ³Clinical Hospital of Chengdu Brain Science Institute, MOE Key Laboratory for Neuroinformation, School of Life Science and Technology, University of Electronic Science and Technology, Chengdu, China; christian.montag@uni-ulm.de

To study the interaction between craving and physiological changes in problematic mobile gaming addiction
Shih-Ching Chin¹, Han-Yu Chuang¹, Yun-Hsuan Chang²,³,⁴,⁵
¹Department of Psychology, Asia University, Taichung, Taiwan; ²Institute of Gerontology, College of Medicine, National Cheng Kung University, Tainan, Taiwan; ³Institute of Behavioral Medicine, College of Medicine, National Cheng Kung University, Tainan, Taiwan; ⁴Department of Psychology, National Cheng Kung University, Tainan, Taiwan; ⁵Institute of Genomics and Bioinformatics, College of Life Sciences, National Chung Hsing University, Taichung, Taiwan; shihcing2534@gmail.com

Impulsivity-related right superior frontal gyrus ‘hubness’ serves as a potential endophenotype of internet gaming disorder
Xiaochu Zhang, Zhengde Wei, Pengyu Zhang
University of Science and Technology of China, China, People's Republic of; zxcustc@ustc.edu.cn

Risky decision making in specific domains of problematic Internet use: Results from a meta-analysis
Silke M. Müller, Stephanie Antons, Elisa Wegmann, Matthias Brand
University of Duisburg-Essen, Germany; silke.m.mueller@uni-due.de
Session 5B
Treatment: Internet Addiction and Gaming Disorder 2.

Time: Thursday, 24/Aug/2023: 3:30pm - 5:00pm
Location: Room B (Premier Ballroom B) second floor

Session Chair: Soo-Young Bhang
Session Chair: Camilla K.M. Lo

Presentations

**A pilot study of a group-based intervention for parents of adolescents who engage in excessive gaming**
Camilla K.M. Lo¹, Nick Tse²
¹The Hong Kong Polytechnic University, Hong Kong S.A.R. (China); ²HKCT Institute of Higher Education, Hong Kong S.A.R. (China); camilla.lo@polyu.edu.hk

**Collective motivational interviewing facilitates a joint change partnership among adolescents with gaming disorder tendency and their parents: Preliminary findings and insights from a mixed-methods pilot study**
Nick Tse¹, Samson Tse²
¹Department of Applied Social Sciences, HKCT Institute of Higher Education, Hong Kong Special Administrative Region, China; ²Department of Social Work and Social Administration, The University of Hong Kong, Hong Kong Special Administrative Region, China; nicktse@ctihe.edu.hk

**Effectiveness of Cognitive-Behavior Therapy for Adolescents with High-risk of Internet Gaming Disorder and Problematic Smartphone Use: A Randomized Clinical Trial**
Seon Young Park¹,², Seung Ah Lee¹, Katajun Lindenberg³, Soon-Beom Hong⁴,⁵,⁶
¹Department of Neuropsychiatry, Seoul National University Hospital, Seoul, Republic of Korea; ²Department of Human Systems Medicine, Seoul National University College of Medicine, Seoul, Republic of Korea; ³Department of Psychology, Yonsei University, Seoul, Republic of Korea; ⁴Institute for Psychology, Goethe-University Frankfurt, Frankfurt, Germany; ⁵Division of Child and Adolescent Psychiatry, Department of Psychiatry, Seoul National University Hospital, Seoul, Republic of Korea; ⁶Institute of Human Behavioral Medicine, Seoul National University Medical Research Center, Seoul, Republic of Korea; sunyoung114@gmail.com

**Management of IGD in community children and adolescents in Korea - from prevention to case management**
Soo-Young Bhang
Nowon Eulji University Hospital, Korea, Republic of (South Korea); bsy1@eulji.ac.kr
### Session 5C

#### Compulsive Sexual Behavior

**Time:**
Thursday, 24/Aug/2023:
3:30pm - 5:00pm

**Location:** Room C (204)
second floor

**Session Chair:** Aviv Weinstein
**Session Chair:** Mary Sharpe

**Presentations**

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<tr>
<th>Title</th>
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<tr>
<td>The contribution of sexual narcissism and childhhood trauma to hypersexual behavior in SA partipantsts</td>
<td>Rotem Yaakov, Aviv Weinstein</td>
<td>Ariel University, Israel; <a href="mailto:avivweinstein@yahoo.com">avivweinstein@yahoo.com</a></td>
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<td>Suicidal risk in patients with sex addiction</td>
<td>Benoit Schreck1,2, Marianne Balem1,2, Eduardo Valenciano Mendoza3, Susana Jimenez Murcia4,5, Marie Grall Bronnec1,2, Gaëlle Challet Bouju1,2</td>
<td>Nantes Université, CHU Nantes, UIC Psychiatrie et Santé Mentale, F-44000 Nantes, France; ¹Nantes Université, Univ Tours, CHU Nantes, INSERM, MethodS in Patient-centered outcomes and HEalth ResEarch, SPHERE, F-44000 Nantes, France; ²Atenció i Investigació de Socioaddiccions, Barcelona, Spain; ³Behavioral Addictions Unit. Department of Psychiatry. Bellvitge University Hospital-IDIBELL, Barcelona, Spain; ⁴Ciber Fisiopatología Obesidad y Nutrición (CIBERObn), Instituto de Salud Carlos III, Barcelona, Spain; <a href="mailto:benoit.schreck@chu-nantes.fr">benoit.schreck@chu-nantes.fr</a></td>
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<tr>
<td>The global health implications of compulsive sexual behaviour disorder</td>
<td>Darryl Mead, Mary Sharpe</td>
<td>The Reward Foundation, United Kingdom; <a href="mailto:darryl@rewardfoundation.org">darryl@rewardfoundation.org</a></td>
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<tr>
<td>Raising awareness of behavioural addictions among professionals: a non-profit case study</td>
<td>Mary Sharpe, Darryl Mead</td>
<td>The Reward Foundation, United Kingdom; <a href="mailto:mary@rewardfoundation.org">mary@rewardfoundation.org</a></td>
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<tr>
<td>This is the True Story of my Struggles with Addiction and how I recovered.</td>
<td>Paulina Pantyleva</td>
<td>My Secret Life as a Sex Addict, author, United States of America; <a href="mailto:ppanties333@gmail.com">ppanties333@gmail.com</a></td>
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## Session 5D

### Addiction, impairment, and resilience in videogamers: findings from the International Gaming Study, 2022 (IGS22)

**Chair(s):** John Saunders (The University of Queensland, Australia)

**Presentations**

**Addiction, impairment, and resilience in videogamers: findings from the International Gaming Study, 2022 (IGS22)**

Chair(s): John Saunders (The University of Queensland, Australia)

**Do tolerance and withdrawal exist in Gaming Disorder?**

Gary Chan, John Saunders, Janni Leung, Daniel Stjepanovic, Matthew Gullo, Jason Connor; c.chan4@uq.edu.au

The University of Queensland, Australia

**Evidence for Harmful Gaming as a diagnostic entity**

John Saunders, Gary Chan, Janni Leung, Daniel Stjepanovic; mail@jbsaunders.net

The University of Queensland, Australia

**Negative physical problems and body pain associated with video gaming behaviours – a cross-sectional analysis of the 2022 International Gaming Study**

Janni Leung, Gary Chan, Matthew Gullo, John Saunders, Daniel Stjepanovic, Calvert Tisdale, Leanne Hides, Jason Connor; j.leung1@uq.edu.au

The University of Queensland, Australia

**Resilience to impairment in older videogamers**

Daniel Stjepanovic, Gary Chan, Janni Leung, John Saunders; d.stjepanovic@uq.edu.au

The University of Queensland, Australia

**Differentiating problematic from normal videogame play: Insights from a Qualitative Study**

Leanne Hides¹, Michael Luck¹, Alexandra Douglas-Bonner¹, Jessica Bowler², Daniel Johnson²; l.hides@uq.edu.au

¹The University of Queensland, Australia, ²Queensland University of Technology, Australia
### Session 5E

**Gambling: Harms and Harm Minimization**

**Time:**
Thursday, 24/Aug/2023: 3:30pm - 5:00pm

**Location:** Room E (206) second floor

**Session Chair:** Seon Wan Ki  
**Session Chair:** Sari Castrén

#### Presentations

**Cashless gambling: Consumer perspectives on the risks and benefits of digital payment systems for electronic gaming machines**
Thomas B. Swanton¹, Stephanie Tsang¹, Sharon B. Collard², Ellen Garbarino³, Sally M. Gainsbury¹

1The University of Sydney, Faculty of Science, School of Psychology, Australia; ²University of Bristol, Personal Finance Research Centre, United Kingdom; ³The University of Sydney, Sydney Business School, Australia; thomas.swanton@sydney.edu.au

Sari Castrén¹,²,³, Tiina Latvala¹, Anne H Salonen Salonen¹,⁴, Riitta Matilainen⁵, Michael Egerer⁶, Jussi Palomäki¹

1Finnish Institute for Health and Welfare, Finland; ²University of Helsinki, Department of Medicine, Helsinki, Finland; ³University of Turku, Social Sciences Department of Psychology and Speech-Language Pathology Turku, Finland; ⁴University of Eastern Finland, Faculty of Health Sciences, Finland; ⁵EHYT Finnish Association for Substance Abuse Prevention, Helsinki, Finland; ⁶University of Helsinki Centre for Research on Addiction, Control, and Governance, Helsinki, Finland; sari.castren@thl.fi

**Impact of a Self-Exclusion Procedure Optimized by an Extension of the Suspension of Commercial Solicitations (PASS)**
Cora Von Hammerstein¹, Amine Benyamina³, Amandine Luquiens²

¹Univ Lorraine, France; ²CESP - Inserm U1018 - CHU de Nîmes, France; ³APHP Univ Paris Saclay, Psychomad EA; hammersteincf@gmail.com

**Can a brief motivational contact improve engagement with an online self-directed program to reduce gambling problems?**
Brad Brazeau, David Hodgins, Lisa Henkel

University of Calgary, Canada; bradley.brazeau@ucalgary.ca

**'Buy High, Sell Low': A Qualitative Study of Cryptocurrency Traders Who Experience Harm**
Benjamin Johnson¹,², Daniel Stjepanovic², Tianze Sun¹,², Giang Vu¹,², Gary Chan²

¹University of Queensland, Australia; ²National Centre for Youth Substance Use Research, Australia; ben.johnson@uq.net.au
### Session 5F

**Behavioural Addiction & Gender Differences with a Female Perspective: SESSION 1**

*Time: Thursday, 24/Aug/2023: 3:30pm - 5:00pm*

*Location: Room F (207) second floor*

**Session Chair:** Fulvia Prever  
**Session Chair:** Marie Grall-Bronnec

#### Presentations

**Behavioural Addiction & Gender Differences with a Female Perspective: SESSION 1**  
Chair(s): Fulvia Prever (SUN(N)COOP, ITALY, Italy), Gretchen Blycker (University of Rhode Island, Hälsosam Therapy: Board Certified Sex Therapist. Licensed Mental Health Counselor)

**Presentations of the Symposium**

**Prevalence and correlates of compulsive behaviours related to eating and sex in a female population- results from a representative Polish sample.**  
Ewelina Kowalewska; ewelina.kowalewska1@gmail.com  
Department of Psychiatry, Centre of Postgraduate Medical Education (Warsaw, Poland)

**A Qualitative Study of Motivations and the Recovery of Repetitive Non-Fatal Self Harm Behaviors in Asian Female Community**  
Artemis Wing-Chi Leung; artemisleung@gmail.com  
Wing-Chi Leung

**Psychological characteristics of women suffering from gambling disorder**  
Laura Macia Guerrero¹, Fulvia Prever², Monica Minci³, Virtù Mico⁴, Juan Lamas⁵, Andrea Ontalvilla¹, Ana Estévez Gutiérrez⁶; lauramacia@deusto.es  
¹Psychology department, University of deusto (Bilbao, Spain), ²SUN(N)COOP, Women, Gambling& Addiction Project; VARENNA Foundation (Italy), ³SUNNCOOP Italy, ⁴Spanish federation of rehabilitated gamblers (FEJAR, Spain)

**Treatment needs for Women Impacted by a Partner’s CSBD/PPU**  
Gretchen Blycker; gretchen.blycker@gmail.com  
University of Rhode Island, Hälsosam Therapy (USA)

**Women, gambling, violence, therapy, and desires during pandemic times in Italy: when resisting wasn’t the solution**  
Fulvia Prever; fulvia.prever@gmail.com  
SUN(N)COOP, Women, Gambling& Addiction Project; VARENNA Foundation (Italy)
### Session 5G

**Game Disorder in Taiwan, Japan and South Korea: Similarities and Differences**

**Time:** Thursday, 24/Aug/2023: 3:30pm - 5:00pm  
**Location:** Room G (302) third floor

**Session Chair:** Masaru Tateno  
**Session Chair:** Dai Jin Kim

<table>
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| **Game Disorder in Taiwan, Japan and South Korea: Similarities and Differences**  
Chair(s): **Masaru Tateno** (Tokiwa Child Development Center, Tokiwa Hospital/ Department of Neuropsychiatry, Sapporo Medical University, School of Medicine, Sapporo, Japan), **Daijin Kim** (Department of Psychiatry, College of Medicine, The Catholic University of Korea, Seoul St. Mary's Hospital, South Korea) |

**Presentations of the Symposium**

**The heterogeneity in gaming disorder in Taiwan**
Chih-Hung Ko; chihhungko@gmail.com  
Department of Psychiatry, Kaohsiung Medical University Hospital, Kaohsiung Medical University, Kaohsiung City, Taiwan

**Gaming Disorder in Japan: From the perspective of a child and adolescent psychiatrist**
Masaru Tateno1, Takanobu Matsuzaki2, Ayumi Takano3, Susumu Higuchi1; tateno@momo.so-net.ne.jp  
1Tokiwa Child Development Center, Tokiwa Hospital/ Department of Neuropsychiatry, Sapporo Medical University, School of Medicine, Sapporo, Japan, 2Kurihama Medical and Addiction Center, Yokosuka, Japan, 3Department of Mental Health and Psychiatric Nursing, Tokyo Medical and Dental University, 1-5-45 Yushima, Bunkyo-ku, Tokyo, Japan

**The Current Status of Treatment for Gaming Disorder in Japan and the Efforts of Kurihama Medical and Addiction Center**
Takanobu Matsuzaki1, Satoko Mihara1, Takashi Kitayuguchi1, Masaru Tateno2, Susumu Higuchi1; takanobum@gmail.com  
1Kurihama Medical and Addiction Center, Yokosuka, Japan, 2Tokiwa Hospital, Sapporo, Hokkaido, Japan

**Gaming disorder in Korea: Recent changes in policy and future prospect**
Seung-Yup Lee; solero82@gmail.com  
Department of Psychiatry, College of Medicine, Catholic University of Korea, South Korea

**Incidence and associated factors of positives on screening tests for gaming disorders under COVID-19 lockdown**
Aya Kinjo1, Yoneatsu Osaki1, Kuwabara Yuki1, Kim Hongja1, Susumu Higuchi2; kinjo_aya@tottori-u.ac.jp  
1Division of Environmental and Preventive Medicine, Faculty of Medicine, Tottori University, Tottori, Japan, 2Kurihama Medical and Addiction Center, Yokosuka, Japan
## Session 6A

**Gambling Treatment**

**Time:**
Thursday, 24/Aug/2023:
5:30pm - 7:00pm

**Location:** Room A (Premier Ballroom A)
second floor

**Session Chair:** Agatha Manseuto
**Session Chair:** Gaëlle Challet

### Presentations

**Exploring the Feasibility of Contingency Management for the Treatment of Harmful Gambling.**
Christopher Seel¹, Lucy Dorey¹, Jack McCarrigle¹, Darren Christiansen², Richard May¹, Alice Hoon¹, Simon Dymond¹,⁴

¹Swansea University, United Kingdom; ²University of Lethbridge, Canada; ³University of South Wales, United Kingdom; ⁴Reykjavík University, Iceland; c.j.seel@swansea.ac.uk

**The Inclusion service model for treatment of gambling harms in the UK: Key principles and effectiveness data**
Melina A. Throuvala¹,², Paul Evans², Jacqueline Howard²

¹International Gaming Research Unit, Psychology Department, Nottingham Trent University, UK; ²Inclusion, Midlands Partnership NHS Foundation Trust, Gambling Harms Clinic, UK; melina.throuvala@ntu.ac.uk

**Pandemic impacts on problem gambling treatment providers**
Nigel E. Turner¹, Jing Shi²

¹Centre for Addiction and Mental Health, Canada; ²Health and Social Sciences, Singapore Institute of Technology, Singapore; nigel.turner@camh.ca

**Recovery from gambling disorder: the influence of Internet gambling**
Gaëlle Challet¹,², Julie Caillon¹,², Juliette Leboucher¹, Elsa Thiabaud¹, Anaïs Saillard¹, Marianne Balem¹,², Marie Grall-Bronnec¹,²

¹Nantes Université, CHU Nantes, UIC Psychiatrie et Santé Mentale, F-44000 Nantes, France; ²Nantes Université, Univ Tours, CHU Nantes, CHU Tours, INSERM, MethodS in Patients centered outcomes and HEalh ResEarch, SPHERE, F-44000 Nantes, France; gaelle.bouju@chu-nantes.fr

**Definitions and assessments of recovery in gambling disorder: a systematic review**
Agathe Mansueto¹,², Gaëlle Challet-Bouju¹,², Jean-Benoit Hardouin³,⁴, Marie Grall-Bronnec¹,²

¹Department of Addictology and Psychiatry, CHU Nantes, Nantes, France; ²Nantes Université, Université de Tours, Inserm U1246-SPHERE, Nantes, France; ³Public Health Department, CHU Nantes, Nantes, France; agathe.mansueto@chu-nantes.fr
### Session 6B

**Behavioral Addictions and the COVID Pandemic**

<table>
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<td>Changgyo Yoon</td>
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<td>Belinda Julivia Murtani</td>
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## Presentations

**Risk Factors of Internet Addiction among Medical Students during the COVID-19 pandemic: Findings from Indonesia**

Belinda Julivia Murtani, Tjhin Wiguna, Martina Wiwie Nasrun, Enjeline Hanafi, Kristiana Siste
Department of Psychiatry, Faculty of Medicine, Universitas Indonesia—Dr. Cipto Mangunkusumo National Central General Hospital, Jakarta 10430, Indonesia; belindamurtani@yahoo.com

**Has problematic smartphone use changed from before and three years into the pandemic?**

Toshitaka Hamamura¹, Nao Kobayashi¹, Taiki Oka¹, Toshinori Chiba¹, Masaru Honjo¹
¹KDDI Research, Inc.; ²Advanced Telecommunications Research Institutes International; toshitaka.hamamura@gmail.com

**The impact of the COVID-19 pandemic on the pattern of behavioural addictions: evidence from a nationwide survey in the Republic of Korea**

Changgyo Yoon¹, Hae Kook Lee², Seung-Yup Lee²
¹World Health Organization, Regional Office for the Western Pacific, Manila, the Philippines; ²Department of Psychiatry, College of Medicine, The Catholic University of Korea, Seoul, Republic of Korea; yoon.cg@gmail.com

**The impact of COVID-19 anxiety on young adults' social media addiction: The mediating role of depression and intolerance of uncertainty**

Meng Xuan Zhang¹,²
¹Department of Medical Humanities, School of Humanities, Southeast University, Nanjing, China; ²Psychological Research & Education Center, School of Humanities, Southeast University, Nanjing, China; zhangmengxuan@seu.edu.cn

**Has digital technology invasion (smartphone) affected family relationship? Evidence from the pandemic days**

J Reeves Wesley¹, Malay Bhattacharjee¹, Ernest Johnson²
¹Vellore Institute of Technology, Chennai, India; ²University of Regina, Canada; reeveswesley.i@vit.ac.in
### Session 6C

**ABC in Behavioral Addiction Neuroimaging: Advancing the Basic Science for Better Clinical Care**

**Time:** Thursday, 24/Aug/2023: 5:30pm - 7:00pm

**Location:** Room C (204), second floor

**Session Chair:** Kristiana Siste  
**Session Chair:** Marc Potenza

**Presentations**

**ABC in Behavioral Addiction Neuroimaging: Advancing the Basic Science for Better Clinical Care**  
Chair(s): **Kristiana Siste** (University of Indonesia, Indonesia), **Marc N. Potenza** (Yale University)

**Presentations of the Symposium**

**Using Neuroimaging to Understand Transitions and Treatment Outcomes in Behavioral Addictions**

**Marc N. Potenza:** marc.potenza@yale.edu  
Yale University

*Emotional bias modification weakens game-related compulsivity and reshape frontostral pathways in internet gaming disorder.*  
**Jin-Tao Zhang**, Lu-Lu Wu, Jia-Hua Xu, Kun-Ru Song, Nan Zhou, Lin-Xuan Xu, **Marc N. Potenza**; zhangjintao@bnu.edu.cn  
1State Key Laboratory of Cognitive Neuroscience and Learning and IDG/McGovern Institute for Brain Research, Beijing Normal University, Beijing, China, 2Chinese Institute for Brain Research, Beijing, China and Max Planck University College London Centre for Computational Psychiatry and Ageing Research, University College London, London, UK, 3Faculty of Education, Beijing Normal University, Beijing, China, 4Yale University

**Altered Resting-State Network in Adolescents with Problematic Internet Use in Indonesia**

1Department of Psychiatry, Faculty of Medicine, Universitas Indonesia—Dr. Cipto Mangunkusumo National Central General Hospital, Jakarta 10430, Indonesia, 2Department of Radiology, Faculty of Medicine, Universitas Indonesia—Dr. Cipto Mangunkusumo National Central General Hospital, Jakarta 10430, Indonesia, 3Department of Psychiatry, Graduate School of Medicine, Kyoto University, Kyoto 606-8501, Japan, 4Medical Innovation Center, Graduate School of Medicine, Kyoto University, Kyoto 606-8501, Japan, 5Department of Neuropsychiatry, Graduate School of Medicine, Kyoto University, Kyoto 606-8501, Japan, 6Department of Clinical Nutrition, Faculty of Medicine, Universitas Indonesia—Dr. Cipto Mangunkusumo National Central General Hospital, Jakarta 10430, Indonesia, 7Department of Pediatrics, Faculty of Medicine, Universitas Indonesia—Dr. Cipto Mangunkusumo National Central General Hospital, Jakarta 10430, Indonesia, 8Faculty of Psychology, Soegiapaanata University, Central Java 50234, Indonesia

**The clinical implication from imaging studies of gambling disorder**

**Kosuke Tsurumi:** kaytee@kuhp.kyoto-u.ac.jp  
Department of Psychiatry, Graduate School of Medicine, Kyoto University, Kyoto 606-8501, Japan
### Session 6D

**Assessment Issues in Gaming Disorder**

**Time:**
Thursday, 24/Aug/2023:
5:30pm - 7:00pm

**Location:** Room D (205) second floor

Session Chair: Filip Nuyens
Session Chair: Myeong Sook Yoon

**Presentations**

<table>
<thead>
<tr>
<th>Title</th>
<th>Authors</th>
</tr>
</thead>
<tbody>
<tr>
<td>Are gaming disorder diagnostic tools based on the DSM-5 framework conflating core and peripheral addiction criteria?</td>
<td>Filip Nuyens¹, Loïs Fournier², Joël Billieux³¹</td>
</tr>
<tr>
<td>Development and validation of structured diagnostic Interview of gaming disorder(SDI-GD) based on the ICD-11 criteria</td>
<td>Kwon sun Jung¹, Yena Kim¹, Hae Kook Lee², Sulki Chung³, Sook-Hee Im⁴, Esther Kim¹, Jae Seok Kwak¹</td>
</tr>
<tr>
<td>Development and Validation of the Korean Gaming Disorder Screening Scale based on the ICD-11 criteria</td>
<td>Yena Kim¹, Sun Jung Kwon¹, Sulki Chung², Hae Kook Lee³, Esther Kim¹, Jae Seok Kwak¹, Suyoung Lee²</td>
</tr>
<tr>
<td>Psychometric Properties of the Video Game Dependency Scale and the Assessment of Hazardous Gaming in Children</td>
<td>Sonja Kewitz¹, Katharina Leo¹, Florian Rehbein², Katajun Lindenberg¹</td>
</tr>
</tbody>
</table>

¹Psychology Department, Nottingham Trent University, Nottingham, United Kingdom; ²Institute of Psychology, University of Lausanne, CH-1015 Lausanne, Switzerland; ³Center for Excessive Gambling, Addiction Medicine, Lausanne University Hospital (CHUV), CH-1011 Lausanne, Switzerland; filip.nuyens@ntu.ac.uk

¹Korea Baptist Theological University, Korea, Republic of (South Korea); ²Catholic University of Korea; ³Chung-Ang University; ⁴Konyang cyber university; kyena823@hanmail.net

¹Korea Baptist Theological University; ²Chung-Ang University; ³Catholic University of Korea; kyena823@hanmail.net

¹Goethe-Universität Frankfurt, Germany; ²FH Münster, Germany; kewitz@uni-mainz.de
## Session 6E

### Problematic Social Media Use 1.

**Time:** Thursday, 24/Aug/2023: 5:30pm - 7:00pm  
**Location:** Room E (206) second floor

**Session Chair:** Malgorzata Sobol  
**Session Chair:** Annica Kessling

### Presentations

**Challenging the components model of addiction: an illustration through “addictive” use of social media**  
Loïs Fournier¹, Adriano Schimmenti², Alessandro Musetti³, Valentina Boursier⁴, Maèva Flayelle¹, Ilaria Cataldo⁵, Vladan Starčević⁶, Joël Billieux⁷

1 Institute of Psychology, University of Lausanne, Quartier UNIL-Mouline, Bâtiment Géopolis, CH-1015 Lausanne, Switzerland; 2 Faculty of Human and Social Sciences, Kore University of Enna, Cittadella Universitaria, 94100 Enna, Italy; 3 Department of Humanities, Social Sciences and Cultural Industries, University of Parma, Borgo Carissimi 10, 43121 Parma, Italy; 4 Department of Humanities, University of Naples “Federico II”, Via Porta di Massa, 1 – 80133 Naples, Italy; 5 Department of Psychology and Cognitive Science, University of Trento, Corso Bettini, 31 – 38068 Rovereto, Trento, Italy; 6 Faculty of Medicine and Health, Sydney Medical School, Nepean Clinical School, University of Sydney, Penrith, NSW 2751, Australia; 7 Center for Excessive Gambling, Addiction Medicine, Lausanne University Hospital (CHUV), Lausanne, Switzerland; lois.fournier@unil.ch

**Predicting adolescents' problematic social media use from profiles of Internet-specific parenting practices and general parenting dimensions**  
Suzanne Geurts¹, Ina Koning², Helen Vossen¹, Regina van den Eijnden¹

1 Utrecht University, Netherlands, The; 2 VU Amsterdam, Netherlands, The; s.m.geurts@uu.nl

**Couple’s problematic social media use, time perspective and pregnant woman's mood**  
Malgorzata Sobol¹, Konrad Jankowski¹, Agata Blachnio², Michal Meisner¹

¹ University of Warsaw, Poland; ² John Paul II Catholic University of Lublin, Poland; malgorzata.sobol@psych.uw.edu.pl

**Symptoms of Internet Gaming Disorder and Social Media Disorder Are Predicted by Different Emotion Regulation Deficits in Adolescents: A Longitudinal Study**  
Ina Neumann¹, Julia Lardinoix¹, Lutz Wartberg², Katajun Lindenberg¹

¹ Goethe University Frankfurt, Germany; ² MSH Medical School Hamburg, Germany; neumann@psych.uni-frankfurt.de

**Problematic use of social networks und online buying/shopping: Are they really different disorders or do the similarities outweigh the differences?**  
Elisa Wegmann¹, Silke M. Müller¹, Annica Kessling¹, Maithilee Joshi², Elijje Ihle², Oliver T. Wolf³, Astrid Müller²

¹ General Psychology: Cognition and Center for Behavioral Addiction Research (CeBAR), University of Duisburg-Essen, Germany; ² Department of Psychosomatic Medicine and Psychotherapy, Hannover Medical School, Hannover, Germany; ³ Department of Cognitive Psychology, Ruhr-University Bochum, Germany; annica.kessling@cognition-ude.de
Session 6F

Behavioural Addiction & Gender Differences with a Female Perspective: SESSION 2

Time: Thursday, 24/Aug/2023: 5:30pm - 7:00pm

Session Chair: Fulvia Prever
Session Chair: Wing Chi Artemis Leung

Location: Room F (207) second floor

Presentations

**Behavioural Addiction & Gender Differences with a Female Perspective: SESSION 2**

Chair(s): Fulvia Prever (SUN(N)COOP, ITALY, Italy), Wing Chi Artemis Leung (New Life Psychiatric Rehabilitation Association HK, Hong Kong S.A.R. (China))

Presentations of the Symposium

**Higher burden of withdrawal symptoms, depressive mood, loneliness, anxiety and agitation among women with Internet gaming disorder (IGD) in South Korea**

Soo-Young Bang; bsy1@eulji.ac.kr
Department of psychiatry, Nowon Eulji University Hospital; Nowon Community Addiction Management Center, Nowongu, Seoul (Korea)

**Gender and specific impulsivity profile in adults with ADHD**

Chiara Cecchelli, Corinna Moradei; Chiara.cecchelli@braincenterfirenze.it
Brain Center, Firenze (IT)

**Self-Discrepancy, Shame-Proneness, and Negative Emotional Symptoms in Individuals with Excessive Exercise Behavior, and Their Relationships with Gender**

İlayda Mutlu¹, Merve Denizci Nazlıgül²; mervednzc@gmail.com
¹Yeditepe University, Turkey, ²Independent Researcher, Singapore

**Women & Gambling: a case study on their relational system aspects (family&friends and care services) and criminological aspects**

Sara Sbaragli; sara.sbaragli@gmail.com
University of Cassino and Southern Lazio

**Food Addiction in the Adult Indonesian Female Population**

Eva Suryani, Durrotul Ikrimah, Eveline Widjaja, Christiany Suwartono; eva.suryani@atmajaya.ac.id
Atma Jaya Catholic University and Hospital
Session 6G
Conditioned Reflex Control Technique (CRCT) for behavioral addiction

**Time:**
Thursday, 24/Aug/2023:
5:30pm - 7:00pm

**Location:** Room G (302)  
third floor

**Session Chair:** Sang Woon Park

**Presentations**

**Conditioned Reflex Control Technique (CRCT) for behavioral addiction**
Chair(s): Sang Woon Park (Daedong Hospital, Korea, Republic of (South Korea))

**Presentations of the Symposium**

**Mechanism of Behavioral Addictions and Their Treatment**  
Shinji Hirai: hiraishinjih@gmail.com  
National Hospital Organization Shimofusa Psychiatric Medical Center

**Our CRCT (Conditioned Reflex Control Technique) centered approach toward cases related to socially inappropriate Sexual behaviors**  
Nahomi Hasegawa: n9728@gray.plala.or.jp  
Hotto Station Odori Koen Mental Clinic

**Conditioned Reflex Control Technique (CRCT) for Challenging cases of behavioral addictions**  
Sang Woon Park: psw96@nate.com  
Daedong Hospital

**Conditioned Reflex Control Technique in Gambling disorder.**  
MyeongHyun Michelle Park: windyluna44@gmail.com  
Daedong Hospital
## Session 7A

### WHO Structured Session

**Time:**
Friday, 25/Aug/2023:
11:00am - 12:30pm

**Location:** Room A (Premier Ballroom A)
second floor

**Session Chair:** Vladimir Poznyak
**Session Chair:** Hae Kook Lee

### Presentations

**WHO Structured Session - Addressing Gaming Disorder based on Global Perspective**
Chair(s): Vladimir Poznyak (Department of Mental Health and Substance Use, World Health Organization, Geneva, Switzerland), John B. Saunders (National Centre for Youth Substance Use Research, The University of Queensland, QLD 4072, Australia), Hae Kook Lee (Department of Psychiatry, The Catholic University of Korea, Seoul, Korea)

**Presentations of the Symposium**

- The nature and characterisation of Gaming Disorder in ICD-11
  - **John B. Saunders:** mail@jbsaunders.net
  - National Centre for Youth Substance Use Research, The University of Queensland, QLD 4072, Australia

- The need for a global monitoring system based on national ones
  - **Hae Kook Lee¹, Sulki Chung²:** policyhklee@gmail.com
  - ¹Department of Psychiatry, The Catholic University of Korea, Seoul, Korea, ²Department of Social Welfare, Chung-Ang University, Republic of Korea

- Policy and practice challenges in addressing gaming disorder in Indonesia
  - **Kristiana Siste:** ksiste@yahoo.com
  - Department of Psychiatry, Faculty of Medicine Universitas Indonesia - Cipto Mangunkusumo National Central Referral Hospital

- Evolution of prevention and treatment practices for gaming disorder in Japan
  - **Susumu Higuchi:** h-susumu@db3.so-net.ne.jp
  - National Hospital Organization Kurihama Medical and Addiction Center, Yokosuka, 239-041, Japan

- Health System Response to Gaming Disorder in Switzerland - A Quality Approach Towards Access, Identification and Management
  - **Sophia Achab:** Sophia.Achab@hcuge.ch
  - ReConnecte specialized Treatment facility for Addictive Behaviors, Addiction Division, Psychiatry Department, University Hospitals of Geneva, Switzerland; WHO Collaborating Centre for Raising and Research in Mental Health; Technical advisory Group Cybersad
Session 7B

Neuroscientific Studies of Behavioral Addictions

Time: Friday, 25/Aug/2023: 11:00am - 12:30pm
Location: Room B (Premier Ballroom B) second floor

Session Chair: Jialin Zhang
Session Chair: Kjell Büsche

Presentations

Connectome-based prediction of problematic usage of internet in early adolescents
Jialin Zhang, Kunru Song, Xiaomin Geng, Jintao Zhang
State Key Laboratory of Cognitive Neuroscience and Learning and IDG/McGovern Institute for Brain Research, Beijing Normal University, Beijing, China, China, People's Republic of; 202031061067@mail.bnu.edu.cn

Reduced loss aversion in value-based decision-making and edge-centric functional connectivity in patients with internet gaming disorder
Rujing Zha, Wei Hong, Xiaochu Zhang
Department of Psychology, School of Humanities & Social Science, University of Science & Technology of China, Hefei, Anhui, 230027, China; zharj@ustc.edu.cn

Neural correlates of cue reactivity and inhibitory control – A meta-analysis of fMRI studies.
Kjell Büsche1,2, Matthias Brand1,2, Stephanie Antons1,2
1University Duisburg-Essen, Germany; 2Erwin L. Hahn Institute for Magnetic Resonance Imaging; kjell.buesche@cognition-ude.de

NEUROGENETIC EVIDENCE IN SUPPORT OF THE EARLY IDENTIFICATION OF PREADDICTION USING THE GENETIC ADDICTION RISK SEVERITY (GARS) ASSESSMENT
Kenneth Blum1,2,3,4,5, Panayotis K. Thanos6,7, Abdalla Bowirrat1, David Baron2, Igor Elman3, Rajendra D. Badgaiyan4, Mark S. Gold10
1Department of Molecular Biology and Adelson School of Medicine, Ariel University, Ariel, Israel; 2Center for Sports, Exercise, Global Mental Health, Western University Health Sciences, Pomona, CA, USA; 3The Kenneth Blum Behavioral & Neurogenetic Institute, LLC., Austin, TX 78701, USA; 4Institute of Psychology, ELTE Eötvös Loránd University, Budapest, Hungary; 5Department of Psychiatry, University of Vermont School of Medicine, Burlington, VY., USA; 6Behavioral Neuropsycharmacology and Neuroimaging Laboratory, Department of Pharmacology and Toxicology, Jacobs School of Medicine and Biomedical Sciences, Clinical Research Institute on Addictions, University at Buffalo, Buffalo, NY., USA; 7Department of Psychology, University at Buffalo, Buffalo, NY., USA; 8Department of Psychiatry, Mt. Sinai University, Icahn School of Medicine, New York, NY., USA; 9Department of Psychiatry, Washington University School of Medicine, St. Louis, MO., USA; 10Department of Psychiatry, Mt. Sinai University, Icahn School of Medicine, New York, NY., USA; drd2gene@gmail.com

Youth Screen Media Activity Patterns and Associations with Behavioral Developmental Measures and Resting-state Brain Functional Connectivity
Kunru Song1,2, Jialin Zhang1,2, Nan Zhou3, Jintao Zhang1,2
1State Key Laboratory of Cognitive Neuroscience and Learning, Beijing Normal University, Beijing, China; 2IDG/McGovern Institute for Brain Research, Beijing Normal University, Beijing, China; 3Faculty of Education, University of Macau, Macau, China; songkunru@qq.com

Affective and physiological processing in standard computer display vs VR Gaming
Michael Andrew Pilgrom1,2, Sebastiano Costa1, Daria Kuss2, Bradley Standen1, Alexander Hardy2, Nadja Heym7
1Department of Psychology, University of Campania, Caserta, Italy; 2Department of Psychology, Nottingham Trent University, Nottingham, United Kingdom; Michael.pilgrom@ntu.ac.uk
Session 7C

Behavioral Addictions and Substance Use

**Time:**  
Friday, 25/Aug/2023:  
11:00am - 12:30pm

**Location:** Room C (204)  
second floor

**Session Chair:** Sung Young Huh  
**Session Chair:** Yui Asaoka

Presentations

Yui Asaoka¹, Moojun Won², Young-A Lee³, Emi Ishikawa⁴, Yukiori Goto⁵  
¹Division of Biological Sciences, Kyoto University Graduate School of Science, Japan; ²MRC Lab Clinic, Japan; ³Department of Food Science and Nutrition, Daegu Catholic University, Korea; ⁴Kyowa Hospital, Japan; ⁵Department of Artificial Intelligence and Technology, Kyoto University Graduate School of Informatics, Japan; asaoka.yui.38x@st.kyoto-u.ac.jp

**Gaming disorder, unusual experiences, and Game Transfer Phenomena among gamers with and without a psychiatric diagnosis, and experience using drugs**  
Angelica B. Ortiz de Gortari¹,²  
¹SLATE, University of Bergen, Norway; ²University of Liège, Belgium; angelica.ortizdegortari@uib.no

**Investigation of gambling behavior in fathers of adolescent with drug addictive and and non-drug addictive**  
Seda Kemec, Saziye Senem Basgul  
Green Crescent Society, Hasan Kalyoncu University, Turkiye; senembasgul@gmail.com

**Problem gambling, drug abuse, alcohol use disorder, compulsive Internet use, social-bonds, social media identity bubble reinforcement and self-control in Thai young adulthood sample**  
Bang-on Thepthien  
ASEAN institute for health development, Mahidol University, Thailand; bungon.the@mahidol.ac.th
Session 7D

Gambling and Gaming addicted patients at a treatment clinic in Sweden

Time: Friday, 25/Aug/2023: 11:00am - 12:30pm
Location: Room D (205) second floor

Session Chair: Anna Gordh

Presentations

Gambling and Gaming addicted patients at a treatment clinic in Sweden
Chair(s): Anna Gordh (Sahlgrenska University hospital, Sweden), Annika Hofstedt (Sahlgrenska University hospital, Sweden), Louise Miller (University of Gothenburg), Mikael Mide (Sahlgrenska University hospital, Sweden), Elin Arvidson (ahlgrenska University hospital, Sweden)

Presentations of the Symposium

High recreational gamblers show increased stimulatory effects of an acute laboratory gambling challenge
Anna Gordh1
1Sahlgrenska University hospital, Sweden

Gender differences and clinical differences of mild, moderate, and severe gambling disorder in a sample of treatment seeking pathological gamblers in Sweden
Mikael Mide; mikael.mide@vgregion.se
Sahlgrenska University hospital, Sweden

Internet treatment of patients with gambling disorder: A randomized controlled treatment study
Mikael Mide; mikael.mide@vgregion.se
Sahlgrenska University hospital, Sweden

A Swedish cognitive behavioral treatment method for gaming disorder: pilot data findings from the GOT-TO-GO manual
Annika Hofstedt; annika.hofstedt@vgregion.se
Sahlgrenska University hospital, Sweden

Gaming disorder: patient characteristics and co-morbidities - description of a treatment-seeking sample
Annika Hofstedt; annika.hofstedt@vgregion.se
Sahlgrenska University hospital, Sweden
## Session 7E

**Gambling problems and treatment of gambling disorders in Japan**

**Time:** 11:00am - 12:30pm  
**Location:** Room E (206) second floor

**Session Chair:** Sachio Matsushita  
**Session Chair:** Chie Nitta

### Presentations

**Gambling problems and treatment of gambling disorders in Japan**  
Chair(s): Sachio Matsushita (National Hospital Organization, Kurihama Medical and Addiction Center), Chie Nitta (National Hospital Organization, Kurihama Medical and Addiction Center)

### Presentations of the Symposium

**The prevalence of pathological gambling and gambling-related problems: Data from the latest national survey of the general Japanese population**  
Chie Nitta, Tomomi Toyama, Sahio Matsushita; sevenses00lp1049@yahoo.co.jp  
National Hospital Organization, Kurihama Medical and Addiction Center

**Development of a brief screening instrument for problem gambling**  
Sachio Matsushita¹, Yoneatsu Osaki², Chie Nitta¹, Takanobu Matsuzaki¹, Kotaro Nishimura¹, Satoshi Furuno¹, Hitomo Okada¹, Akiko Iwamoto¹, Terumoto Takayama¹, Tetsutaro Kosago¹, Aya Kinjo²; sachio-m@wa2.so-net.ne.jp  
¹National Hospital Organization, Kurihama Medical and Addiction Center, ²Tottori University School of Medicine

**Treatment program for gambling disorders at Kurihama Medical and Addiction Center: A trial of treatment aftercare using a web application**  
Testutaro Kosago¹, Yu Namihisa¹, Konosuke Tomori²; kosago.tetsutaro.dc@mail.hosp.go.jp  
¹National Hospital Organization Kurihama Medical and Addiction Center, ²Tokyo University of Technology

**Long-term effectiveness of treatment programs for gambling disorder (GD): Collaborative research at multiple medical institutions in Japan**  
Takanobu Matsuzaki, Sachio Matsushita, Chie Nitta, Moemi Shibasaki, Kotaro Nishimura, Satoshi Furuno, Hitomi Okada, Akiko Iwamoto, Teromoto Takayama; takanobum@gmail.com  
National Hospital Organization Kurihama Medical and Addiction Center
## Session 7F

**Problematic Video Game Use 2.**

**Time:**
Friday, 25/Aug/2023: 11:00am - 12:30pm

**Location:** Room F (207) second floor

**Session Chair:** Andrea Stašek
**Session Chair:** Josip Razum

### Presentations

**No Mass Effect of the Genre: Gaming Disorder and Need Satisfaction Networks**  
Andrea Stašek, Lukas Blinka, Dita Šiřinková  
Psychology Research Institute, Faculty of Social Studies, Masaryk University, Czech Republic; stasek@fss.muni.cz

**Motivation and outcomes of video gaming: a daily diary study on adolescent gamers**  
Josip Razum¹, Aleksandra Huić²  
¹Ivo Pilar Institute of Social Sciences, Croatia; ²Department of psychology, Faculty of Humanities and Social Sciences, University of Zagreb; josip.razum@pilar.hr

**The Positive Effect of Perceived Long-term and Short-term Benefits of Internet gaming on Internet Gaming Disorder among Adolescent Internet gamers in China: Mediation effect via Internet gaming time**  
Yanqiu Yu¹, Vivian W.I. Fong², Joseph T. F. Lau³  
¹Department of Preventive Medicine and Health Promotion, School of Public Health, Fudan University, Shanghai, China; ²Center for Health Behaviours Research, The Chinese University of Hong Kong, Hong Kong SAR, China; ³School of Mental Health, Wenzhou Medical University, Wenzhou, China; yuyanqiu@fudan.edu.cn

**Identifying Video Game Players’ Profiles from Healthy behavior to Gaming Disorder in Adolescents and Adults**  
Catia Martins Castro¹², David Dias Neto¹², João Marôco¹³  
¹ISPA - Instituto Universitário, Lisboa, Portugal; ²APPsCi Applied Psychology Research Center Capabilities & Inclusion, Lisboa, Portugal; ³William James Center for Research, Lisboa, Portugal; martinscastro.catia@gmail.com
## Session 7G

### Neuro, psycho and social studies of Internet Gaming Addiction

**Time:**
Friday, 25/Aug/2023: 11:00am - 12:30pm

**Location:** Room G (302)
third floor

**Session Chair:** Kunhua Lee

### Presentations

#### Neuro, psycho and social studies of Internet Gaming Addiction

**Chair(s):** Kunhua Lee (National Tsing Hua University, Taiwan)

#### Presentations of the Symposium

**The roles of attitude toward play online game between positive emotion and the duration of play online game: the results from a cross-sectional study**

Kunhua Lee; kunhualee@mx.nthu.edu.tw

National Tsing Hua University, Taiwan

**Gender difference in the moderating role of wellbeing in the path linking accessibility, peer influence, positive internet gaming use expectancy with Internet Gaming Addiction among adolescents**

Huei-Chen Ko, Di-Hsuan Hung; jennyko@asia.edu.tw

Department of Psychology, Asia University, Taiwan

**The Executive Function, Behavioral Systems, and Heart Rate Variability in College Students at Risk of Mobile Gaming Addiction**

Chia-Ying Chen, Huei-Chen Ko, Yi-Jia Xu, Yi-Hua Yeh, Pei-Chun Hsiao, Yu-Chi Liao; ycliao@asia.edu.tw

Department of Psychology, College of Medical and Health Science, Asia University, Taichung, Taiwan

**To study the decision-making ability in problematic mobile gaming**

Han-Yu Chuang1, Shih-Ching Chin1, Yun-Hsuan Chang2; z11108051@ncku.edu.tw

1Department of Psychology, Asia University, Taichung, Taiwan, 2Institute of Gerontology, College of Medicine, National Cheng Kung University, Tainan, Taiwan

**A comprehensive review in the association between time perception and addictive behavior**

Da-I, Huang1, Yun-Hsuan Chang2; z11108051@ncku.edu.tw

1Department of Psychology, Asia University, Taichung, Taiwan, 2Institute of Gerontology, College of Medicine, National Cheng Kung University, Tainan, Taiwan
### Session 8A
Gaming Disorder and addictive digital behaviors: Developmental aspects & Psycho-social Management

**Time:** Friday, 25/Aug/2023: 1:30pm - 3:00pm

**Location:** Room A (Premier Ballroom A) second floor

**Session Chair:** Hyeon Woo Yim

<table>
<thead>
<tr>
<th>Presentations</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Gaming Disorder and addictive digital behaviors: Developmental aspects &amp; Psycho-social Management</strong>&lt;br&gt;Chair(s): Hyeon Woo Yim (Catholic University of Korea, Korea, Republic of (South Korea)), Yong-Sil Kweon (Catholic University of Korea, Korea, Republic of (South Korea))&lt;br&gt;&lt;br&gt;Presentations of the Symposium</td>
</tr>
<tr>
<td><strong>Peer bullying &amp; online pornography among children and adolescent</strong>&lt;br&gt;Seung-Yup Lee¹, Soo-young Bhang², Jung-Seok Choi², Hae Kook Lee¹, Yong-Sil Kweon¹; <a href="mailto:solero82@gmail.com">solero82@gmail.com</a>&lt;br&gt;Catholic University of Korea, Korea, Republic of (South Korea), ²Eulji University School of Medicine, ³Samsung Medical Center</td>
</tr>
<tr>
<td><strong>Effect of parent-evaluated children’s mental health problem on incidence of internet gaming disorder in adolescents: a two-year longitudinal study</strong>&lt;br&gt;Hyunsuk Jeong, Hyeon Woo Yim; <a href="mailto:suejeong@catholic.ac.kr">suejeong@catholic.ac.kr</a>&lt;br&gt;Catholic University of Korea, Korea, Republic of (South Korea)</td>
</tr>
<tr>
<td><strong>Psychoeducation on developmental needs to assist parents of adolescent gamers</strong>&lt;br&gt;Daniel L. King, Sonya Paterson; <a href="mailto:daniel.king@flinders.edu.au">daniel.king@flinders.edu.au</a>&lt;br&gt;Flinders University</td>
</tr>
<tr>
<td><strong>Lessons from an intervention study: How to engage and support parents in treatment of adolescent Internet Gaming Disorder</strong>&lt;br&gt;HyeKyung Choo; <a href="mailto:swkch@nus.edu.sg">swkch@nus.edu.sg</a>&lt;br&gt;National University of Singapore, Singapore</td>
</tr>
</tbody>
</table>
Session 8B

Problematic Smartphone Use

Time: Friday, 25/Aug/2023: 1:30pm - 3:00pm

Session Chair: Sulki Chung
Session Chair: Richard James

Presentations

Understanding the measurement of behaviour in smartphone addiction: Results from a scoping review
Richard James, Lucy Hitcham
University of Nottingham, United Kingdom; ljprj@nottingham.ac.uk

The Relationship between Parental Overprotection and College Students’ Mobile Phone Addiction: Mediating Roles of Self-Concept Clarity and Anxiety
Yongxue Li, Chongzeng Bi
Faculty of Psychology, Southwest University, China, People’s Republic of; 2240620347@qq.com

A preliminary study on the relationship among smartphone addiction and subjective/objective sleep in real life situations
Hua-Yuan Huang, Huei-Chen Ko, Yun-Hsuan Chang, Jyun-Sian Guo
Asia University, No. 500, Lioufeng Rd., Wufeng, Taichung, 41354, Taiwan, Taiwan; z11108051@ncku.edu.tw

A proposed explanatory theory in digital media: Approach-avoidance media theory and direct evidence from three empirical studies
Shunsen Huang1, Xiaoxiong Lai1, Xinmei Zhao1, Xinran Dai1, Huanlei Wang2, Yajun Li3, Cai Zhang4, Yun Wang5
1State Key Laboratory of Cognitive Neuroscience and Learning, Beijing Normal University, Beijing, 100875, China; 2Guangming Institute of Education Sciences, Shenzhen, Beijing, 100875, China; 3Collaborative Innovation Center of Assessment for Basic Education Quality, Beijing Normal University, Beijing, 518107, China; huangss@mail.bnu.edu.cn

Less Smartphone Use – More Well-Being and a Healthier Lifestyle? An Experimental Longitudinal Study
Julia Brailovskaja
Ruhr-Universität Bochum, Germany; julia.braioloxkaja@rub.de

Subjective Socioeconomic Status, Academic Factors and Smartphone Addiction among Korean Adolescents
Sulki Chung1, Kyoungjae Park1, Hae Kook Lee2
1Chung-Ang University, Korea; 2The Catholic University of Korea UiJeongbu St. Mary’s Hospital, Korea; chungs@cau.ac.kr
# Session 8C

## Psychosocial Predictors of Compulsive Sexual Behavior Disorder

**Time:** Friday, 25/Aug/2023: 1:30pm - 3:00pm  
**Location:** Room C (204) second floor

**Session Chair:** Hyein Chang  
**Session Chair:** Sang Kyu Lee

### Presentations

**Psychosocial Predictors of Compulsive Sexual Behavior Disorder**  
Chair(s): Hyein Chang (Department of Psychology, Sungkyunkwan University, Seoul, Korea), Sang Kyu Lee (Hallym University, Korea, Republic of (South Korea))

1. **The Effect of Stress on Compulsive Sexual Behavior Disorder: Active Coping Strategy and Self-control as Mediators**  
   - Jae Woo Park¹, Dae Jin Kim², Mi-Hyun Shin¹, Hyun-A Kim¹  
   - ¹Korea Counseling Graduate University, Seoul, Korea, ²Seoul St, Mary’s Hospital, Seoul, Korea

   - Yuna Matsuoka¹, Yushun Okabe¹, Kyeongwoo Park², Daisuke Ito¹, Verena Klein³, Hyein Chang²  
   - ¹Hyogo University of Teacher Education, Hyogo, Japan, ²Department of Psychology, Sungkyunkwan University, Seoul, Korea, ³School of Psychology, University of Southampton, United Kingdom

3. **The Role of Self-Compassion on the Relationship between Relative Deprivation, Shame, and Compulsive Sexual Behavior among Young Adults**  
   - Kyeongwoo Park, Hyein Chang; hurraycase@naver.com  
   - Department of Psychology, Sungkyunkwan University, Seoul, Korea

4. **How strongly is Compulsive Sexual Behavior Disorder related to Impulsivity and Compulsivity? Findings from the 43-Country International Sex Survey.**  
   - Émilie Gaudet¹, Aurélie Michaud¹, Mónika Koós², Léna Nagy², Zsolt Demetrovsics³, Shane Kraus⁴, Marc Potenza⁵, Repairer Etuk⁶  
   - ¹Département de Psychologie, Université de Montréal, Montreal, Canada, ²Institute of Psychology, ELTE Eötvös Loránd University, Budapest; Doctoral School of Psychology, ELTE Eötvös Loránd University, Budapest, Hungary, ³Centre of Excellence in Responsible Gaming, University of Gibraltar, Gibraltar; Institute of Psychology, ELTE Eötvös Loránd University, Budapest, Hungary, ⁴Department of Psychology, University of Nevada, Las Vegas, NV, USA, ⁵Departments of Psychiatry and Neuroscience and Child Study Center, Yale School of Medicine, New Haven, CT, United States; Connecticut Council on Problem Gambling, Wethersfield, CT, United States; Connecticut Mental Health Center, New Haven, CT, United Sta
### Session 8D

**Problematic Gambling and its Treatment**

**Time:**
Friday, 25/Aug/2023: 1:30pm - 3:00pm

**Location:** Room D (205)

**Session Chair:** Changwoo Han
**Session Chair:** Catherine Michele Hitch

### Presentations

**The relationships between emotional dysregulation, cognitive distortions and dark triad personality traits in patients diagnosed with gambling disorder**

Mustafa Alp Şenel¹, Merih Altintaş²

¹Erenköy Mental and Neurological Diseases Training and Research Hospital, İstanbul; ²Turkish Green Crescent Society, İstanbul, SBÜ, Kartal Dr Lütfi Kirdar City Hospital, Department of Psychiatry, İstanbul; merihaltintas@gmail.com

**Problem Gambling in Canada: An Under Served Asian Community (Vietnamese)**

Hung Ton That

Private Practice, Canada; hungthatton@gmail.com

**Acceptance and Commitment Therapy for Gambling Disorder and Posttraumatic Stress Disorder in Military Veterans: A Brief Review**

Catherine Michele Hitch¹, Daniel Leightley², Dominic Murphy³, Simon Dymond¹

¹Swansea University, United Kingdom; ²King’s College, London; ³Combat Stress, London; catherine.hitch@swansea.ac.uk

**Eye Movement Desensitization and Reprocessing, EMDR for Addiction: A Case Series**

Changwoo Han¹, Hwallip Bae²

¹Hanyang University Myongji Hospital, Korea, Republic of (South Korea); ²National Medical Center; 6peaks@gmail.com

**Gambling as a Side Hustle during COVID-19 Pandemic: A Case-Series in Indonesia**

Hans Christian, Enjeline Hanafi, Kristiana Siste

Universitas Indonesia, Indonesia; hanstopochristian@gmail.com
<table>
<thead>
<tr>
<th>Session 8E</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Gambling in Special Populations</strong></td>
</tr>
<tr>
<td><strong>Time:</strong> Friday, 25/Aug/2023: 1:30pm - 3:00pm</td>
</tr>
<tr>
<td><strong>Location:</strong> Room E (206) second floor</td>
</tr>
<tr>
<td><strong>Session Chair:</strong> Noa Vana</td>
</tr>
<tr>
<td><strong>Session Chair:</strong> Amanda Roberts</td>
</tr>
<tr>
<td><strong>Presentations</strong></td>
</tr>
<tr>
<td><strong>The bio-medical discourse on gambling disorder among Jewish Ultra-Orthodox Rabbis</strong></td>
</tr>
<tr>
<td>Noa Vana, Yael Itzhaki-Braun, Belle Gavriel-Fried</td>
</tr>
<tr>
<td>Tel-Aviv University, Israel; <a href="mailto:noavana@gmail.com">noavana@gmail.com</a></td>
</tr>
<tr>
<td><strong>Psychological risk factors of problematic Gambling in a sample of people with Dual Diagnosis: attachment styles and alexithymia</strong></td>
</tr>
<tr>
<td>Begoña Rueda¹, Juan. F. Navas¹, Edurne Aristegui¹, Karmele Huidobro¹, Urko Aguirre², Marta Herrero³, Fulvia Prever⁴, Ana Estévez³</td>
</tr>
<tr>
<td>¹Osakidetza-Basque Health Service; ²Research Unit, Galdakao hospital; ³University of Deusto; ⁴Varenna Foundation/Sunncoop;</td>
</tr>
<tr>
<td><a href="mailto:junavas@ucm.es">junavas@ucm.es</a></td>
</tr>
<tr>
<td><strong>Gambling and crime: An exploration of gambling availability and culture in an English prison</strong></td>
</tr>
<tr>
<td>Amanda Roberts¹, Lauren Smith¹, Steve Sharman²</td>
</tr>
<tr>
<td>¹University of Lincoln, United Kingdom; ²Kings College, London, United Kingdom; <a href="mailto:aroberts@lincoln.ac.uk">aroberts@lincoln.ac.uk</a></td>
</tr>
<tr>
<td><strong>Criminogenesis, family victimisation and organised crime in gambling disorder</strong></td>
</tr>
<tr>
<td>Maurizio Esposito, Sara Sbaragli</td>
</tr>
<tr>
<td>University of Cassino and Southern Lazio; <a href="mailto:sara.sbaragli@unicas.it">sara.sbaragli@unicas.it</a></td>
</tr>
</tbody>
</table>
# Session 8F

**Problematic Social Media Use 2.**

**Time:**
Friday, 25/Aug/2023: 1:30pm - 3:00pm

**Location:** Room F (207) second floor

**Session Chair:** Krista Maria Selina Hylkilä
**Session Chair:** Yanyu Li

## Presentations

<table>
<thead>
<tr>
<th>Title</th>
<th>Authors</th>
<th>Affiliations</th>
</tr>
</thead>
<tbody>
<tr>
<td>The association between PSNS use and social well-being among young adults: a systematic review</td>
<td>Krista Maria Selina Hylkilä¹, Maria Kääriäinen¹², Aino Peltonen¹, Sari Castrén¹²⁺, Terhi Mustonen¹, Jenni Konttila¹, Merja Männistö⁺, Niko Männikkö¹²⁺</td>
<td>¹University of Oulu, Finland; ²Medical Research Center Oulu, Oulu University Hospital, Finland; ³Finnish Institute for Health and Welfare, Finland; ⁴Department of Medicine, University of Helsinki, Finland; ⁵Sosped Foundation, Finland; ⁶School of Health and Social Care, Oulu University of Applied Sciences, Finland; <a href="mailto:krista.hylkila@oulu.fi">krista.hylkila@oulu.fi</a></td>
</tr>
<tr>
<td>Investigating the bidirectional relationships between fear of missing out, problematic social media use and adolescents' well-being: A random intercept cross-lagged panel model</td>
<td>Yanyu Li, Ina Koning, Maartje Boer, Regina Van den Eijnden</td>
<td>Department of Interdisciplinary Social Science, Utrecht university, the Netherlands; <a href="mailto:y.li4@uu.nl">y.li4@uu.nl</a></td>
</tr>
<tr>
<td>Different aspects of narcissism and Social Networking Sites addiction in Poland and Germany: The mediating role of positive and negative reinforcement expectancies</td>
<td>Julia Balcerowska¹, Artur Sawicki¹, Julia Brailovskai¹, Marcin Zajenkowki³</td>
<td>¹University of Gdańsk, Poland; ²Ruhr-Universität Bochum, Germany; ³University of Warsaw, Poland; <a href="mailto:julia.balcerowska@ug.edu.pl">julia.balcerowska@ug.edu.pl</a></td>
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</tbody>
</table>

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67
# Session 8G

## Up-to-date knowledge of Behavior Addiction

**Time:** Friday, 25/Aug/2023: 1:30pm - 3:00pm  
**Location:** Room G (302) third floor  
**Session Chair:** Dai Jin Kim  
**Session Chair:** Toshikazu Saito

### Presentations

**Up-to-date knowledge of Behavior Addiction**  
Chair(s): Dai Jin Kim (The Catholic University of Korea College of Medicine), Toshikazu Saito (Psychiatry Institute, Hakuyukai Social Healthcare Corporation)

**Presentations of the Symposium**

**Changes in Addiction Medicine with COVID-19 in JAPAN; Addiction Behavior and Government Measures**  
Tomohiro SHIRASAKA: shirasaka.t@gmail.com  
TEINE KEIJINKAI Medical Center, Japan

**Development of risk assessment tool of paraphilic sexual behavior: The Japanese Static-99**  
Takayuki Harada: tkharada77@gmail.com  
Tsukuba University, Japan

**Internet gaming disorder and methamphetamine use during the era of COVID-19 pandemic**  
Chia-Chun Hung, Tony Szu-Hsien Lee: cocohung0418@gmail.com  
CTBC Center for Addiction Prevention and Policy Research, National Taiwan Normal University

**Facing internet gaming disorder: Impact on mental health and intervention**  
Woraphat Ratta-apha: woraphat.rat@mahidol.ac.th  
Faculty of Medicine Siriraj Hospital, Mahidol University

**Altered core networks of brain connectivity in internet gaming disorder and excessive smartphone use**  
Jiwon Chun, Dai Jin Kim: jwchun12@gmail.com  
The Catholic University of Korea College of Medicine, Korea, Republic of (South Korea)
DETAILED PROGRAM OF THE MINI-TALK SESSIONS
## Mini-talk Session 1A

### Behavioral Addictions: Miscellaneous

**Time:**
Thursday, 24/Aug/2023: 8:00am - 8:40am

**Location:** Room A (Premier Ballroom A) second floor

**Session Chair:** Bernadette Kun

### Presentations

#### Sexual addiction predicts sexual objectification even after controlling for the frequency of pornography consumption

_Pavla Novakova_¹, _Edita Chvojka_², _Anna Sevcikova_¹

¹Institute for Psychological research, Faculty of Social Studies, Masaryk University; ²Departments of Methodology and Statistics and Interdisciplinary Social Science, Faculty of Social Sciences, Utrecht University; pody.novakova@gmail.com

#### Strength of Pornography Craving Experience (PCE-S): the validation of a new specific measure

_Farah Ben Brahim_¹,², _Germano Vera Cruz_³, _Robert Courtois_¹, _Jon May_⁶, _Yasser Khazaal_²,³

¹Department of Psychology - QualiPsy, University of Tours, France; ²Department of Psychiatry - Addiction Medicine, Lausanne University Hospital, Switzerland; ³University of Lausanne, Switzerland; ⁴Department of Psychology, University of Picardie Jules Verne, Amiens, France; ⁵School of Psychology, Faculty of Health, University of Plymouth, UK; farah-ben-brahim@outlook.fr

#### Is Binge-Eating Associated with Compulsive Sexual Behavior Disorder? Findings from the 43-Country International Sex Survey

_Aurélie Michaud_¹, _Émilie Gaude†, Mónika Koós², Léna Nagy², Zsolt Demetrovics³,², Shane Kraus⁴, Marc Potenza⁵,⁶,⁷, Repairer Etuk⁴, International Sex Survey Consortium ⁸, Beáta Bőthe¹

¹Université de Montréal, Canada; ²ELTE Eötvös Loránd University, Budapest; ³University of Gibraltar, Gibraltar; ⁴University of Nevada, Las Vegas, NV, United States; ⁵Yale School of Medicine, New Haven, CT, United States; ⁶Connecticut Council on Problem Gambling, Wethersfield, CT, United States; ⁷Connecticut Mental Health Center, New Haven, CT, United States; ⁸Multi-organisations; aurelie.michaud@umontreal.ca

#### Food addiction and obesity stigma in the Czech adult women

_Helena Pipova, Martin Dolejš, Jaroslava Suchá, Anna Poláková_ Palacký University Olomouc, Czech Republic; helena.pipova@gmail.com

#### Predicting body image satisfaction after liposuction surgery in patients with obesity using a longitudinal study and machine-learning analysis

_Jeong-Hyun Lee_¹, _Mina Kwon_¹, _Jaeyeong Yang_¹, _Rose S. Chang_¹, _Woo-Young Ahn_¹,²

¹Department of Psychology, Seoul National University, Korea, Republic of (South Korea); ²Department of Brain and Cognitive Sciences, Seoul National University, Korea, Republic of (South Korea); jeunghyunlee@gmail.com
## Video Game Use: Miscellaneous

**Time:**  Thursday, 24/Aug/2023:  8:00am - 8:40am  
**Location:** Room C (204)  
**Session Chair:** Daniel King  

### Presentations

**The impact of gaming disorder, action games and game context on cognitive control**  
Andrzej Cudo  
The John Paul II Catholic University of Lublin, Poland; andrew.cudo@gmail.com

**The correlation between problematic gaming and resilience and its implications for resilience training**  
Lin Lei¹,², Daniel King², Qinghua He³  
¹Mental Health Education Centre, University of Electronic Science and Technology of China, China; ²College of Education, Psychology and Social Work, Flinders University, Australia; ³Faculty of Psychology, SouthWest University, China; leilinemily@gmail.com

**Changes in prevalence of gaming disorder among adolescent and young adult psychiatric and pediatric outpatients in Japan**  
Ayumi Takano¹, Makoto Tokushige², Koki Ono³, Nanami Hiratani¹, Hiroki Asaoka⁴, Yuki Miyamoto³, Masaru Tateno³  
¹Tokyo Medical and Dental University, Japan; ²The University of Tokyo, Japan; ³Tokiwa Hospital; ayumit1227@gmail.com

**The relationship between family dysfunction and gaming disorder prevalence among adolescent and young adult outpatients in Japan: A longitudinal study**  
Koki Ono¹, Makoto Tokushige², Nanami Hiratani², Hiroki Asaoka¹, Yuki Miyamoto¹, Masaru Tateno³, Ayumi Takano²  
¹The University of Tokyo, Japan; ²Tokyo Medical and Dental University; ³Tokiwa Hospital; kokiono@g.ecc.u-tokyo.ac.jp

**Introduction a new tool in Korean language - the Questionnaire of Digital Game Playing (QDGP)**  
Martin Dolejš, Jaroslava Suchá, Helena Pipová  
Department of Psychology, Faculty of Arts, Palacký University Olomouc, Czech Republic; martin.dolejs@upol.cz

**Towards a more nuanced understanding of screen time**  
Camilla K.M. Lo  
The Hong Kong Polytechnic University, Hong Kong S.A.R. (China); camilla.lo@polyu.edu.hk
<table>
<thead>
<tr>
<th>Presentations</th>
</tr>
</thead>
</table>
**Emeline Chauchard, Mathilde Glodin Libeau, Elisa Sarda**  
Nantes Université, Univ Angers, Laboratoire de psychologie des Pays de la Loire, LPPL, UR 4638, F-44000 Nantes, France;  
emeline.chauchard@univ-nantes.fr |
| Emotional & behavioural difficulties among adolescents engaging in excessive internet use  
**Pranjali Chakraborty Thakur**, **Manoj Kumar Sharma**, **John Vijay Sagar**, **Nitin Anand**  
1Department of Clinical Psychology, National Institute of Mental Health and Neurosciences (NIMHANS);  
2Department of Child & Adolescent Psychiatry, National Institute of Mental Health and Neurosciences (NIMHANS);  
paaji.thakur91@gmail.com |
| Examining of the relationship between sexting, cyber bullying, cyber victimization and self-harm behaviour in adolescents with online gaming disorder  
**Süreyyanur Kitapçıoğlu**, **Osman Tolga Ancak**, **Mehmet Dinç**, **İlyas Kaya**  
1Hasan Kalyoncu University, Turkey;  
2Hasan Kalyoncu University, Turkey;  
3Hasan Kalyoncu University, Turkey;  
4Istanbul University, Istanbul Medical Faculty, Turkey;  
sureyyakitapcioglu@gmail.com |
| Prevalence and Associated Factors of Cyber-Victimization/Bullying Among Turkish Adolescents with Attention Deficit Hyperactivity Disorder  
**Murat Coşkun**, **Burcu Ece Kır Kızılay**, **Alper Alnak**, **Süreyyanur Kitapçıoğlu**  
1Department of Child and Adolescent Psychiatry, Istanbul Medical Faculty, Istanbul University, Istanbul, Turkey;  
2Department of Child and Adolescent Psychiatry, Süleymaniye Training and Research Hospital, Istanbul, Turkey;  
3Department of Child and Adolescent Psychiatry, Bakırköy Prof. Dr. Mazhar Osman Mental Health and Neurology Training and Research Hospital, Istanbul, Turkey;  
4Hasan Kalyoncu University, Department of Psychology, Gaziantep, Turkey;  
sureyyakitapcioglu@gmail.com |
| Keep the balance by volunteering: young adults help others and themselves by sharing experiences of problematic gaming and social media use  
**Terhi Mustonen**, **Helmi Elina Korhonen**, **Katja Mankinen**  
Sosped Foundation, Finland;  
katja.mankinen@sosped.fi |
| Gender differences in pathological jealousy: psychiatric comorbidities, jealousy type, and attachment styles  
**Andrea Lorena Stravogiannis, Hermeno Tavares**  
University of São Paulo, Brazil;  
alorena.costa@gmail.com |
# Mini-talk Session 1E

**Gambling**

<table>
<thead>
<tr>
<th>Time:</th>
<th>Location: Room E (206)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Thursday, 24/Aug/2023: 8:00am - 8:40am</td>
<td>second floor</td>
</tr>
</tbody>
</table>

**Session Chair:** Attila Szabo

**Presentations**

### At-risk and problem gambling affects families - Finnish population-based study with register-linkage

**Tiina Latvala¹, Sari Castrèn¹,²,³**  
¹Finnish Institute of Health and Welfare, Finland; ²University of Helsinki, Finland; ³University of Turku, Finland; tina.latvala@thl.fi

### From Exposure to Gambling Behavior: Problem Gamblers More Impacted by Advertising Campaigns

**Samantha Tessier¹,², Oulmann Zerhouni²,⁴, Lucia Romo¹,³**  
¹Université Paris Nanterre, EA 4430 Clinique Psychanalyse Développement (Clipsyd); ²Laboratoire Parisien de Psychologie Sociale, EA 4386 (équipe PS2C), 200 av. de la République - 92001 Nanterre Cedex, France; ³Hôpital Universitaire Raymond Poincaré (AP-HP) INSERM CESP U1018 UPS UVSQ France; ⁴Université de Rouen Normandie, Centre de Recherche sur les Fonctionnements et Dysfonctionnements Psychologiques (CERFDP, EA 7475), France; samanthatessier.st@gmail.com

### Longitudinal link between loot box spending and gambling initiation in a sample of Canadian video game players

**Lucas Palmer, Gabriel Brooks, Luke Clark**  
Center for Gambling Research, University of British Columbia, Canada; lpalmer@psych.ubc.ca

### Testing the malleability of illness representations of gambling disorder: An experimental study with repeated measurements

**Hong Mian Yang¹,², Anise M S Wu¹,²**  
¹Department of Psychology, Faculty of Social Sciences, University of Macau, Macao SAR, China; ²Center for Cognitive and Brain Sciences, University of Macau, Macao SAR, China; yc07308@umac.mo

### Discriminating Depression and Anxiety Severity from SOGS-RA Items: An Application of Item Response Theory

**Minori Suzuki¹, Hanako Murase¹,², Yoneatsu Osaki³, Aya Kinjo³, Hitoshi Maesato⁴, Kazutaka Nomura¹,², Sachio Matsushita⁴**  
¹Kitasato University Graduate School of Medical Sciences; ²Kitasato University School of Allied Health Sciences; ³Tottori University School of Medicine; ⁴National Hospital Organization Kurihama Medical and Addiction Center; hmurase@kitasato-u.ac.jp

### Effects of auricular acupressure on gambling withdrawal symptoms in people with gambling disorder

**Eun Jin Lee, Jung Min Choi**  
Inha University, Korea, Republic of (South Korea); peace-peace@hanmail.net
<table>
<thead>
<tr>
<th>Mini-talk Session 1F</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Is a female perspective really needed? Discussion is open!</strong></td>
</tr>
<tr>
<td><strong>Time:</strong> Thursday, 24/Aug/2023: 8:00am - 8:40am</td>
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<tr>
<td><strong>Location:</strong> Room F (207) second floor</td>
</tr>
<tr>
<td><strong>Session Chair:</strong> Fulvia Prever, Artemis Wing- Chi Leung</td>
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</tbody>
</table>

### Presentations

**Is a female perspective really needed? Discussion is open!**

*Fulvia Prever*, Artemis Wing-Chi Leung

*SUN(N)COOP, ITALY, Italy; 2Project Officer, WRAP ® Certified Facilitator at NL Psychiatric Rehabilitation Association, Hong Kong SAR; fulvia.prever@gmail.com*
Mini-talk Session 1G

Problematic Internet Use and Gaming

**Time:**
Thursday, 24/Aug/2023: 8:00am - 8:40am

**Location:** Room G (302) third floor

**Session Chair:** Shu (Mogu) Yu

Presentations

**Internet Gaming Disorder and Risky behaviours among Czech Adolescents: A Nationally Representative Study**
*Jaroslava Suchá, Martin Dolejš, Helena Pipová*
Faculty of Arts, Palacký University Olomouc, Czech Republic; jaroislava.sucha@upol.cz

**The effect of short-video using on memory**
*Haosen Ni, Guang-Heng Dong*
Hangzhou Normal University, China, People's Republic of; dongguangheng@hznu.edu.cn

**Urban Upbringing and Internet Addiction in Japan: A Cross-Sectional, Multilevel Study with Retrospective Recall**
*Naonori Yasuma¹, Daisuke Nishi², Kazuhiro Watanabe³, Hanako Ishikawa³, Hisateru Tachimori⁴,†, Tadashi Takeshima⁵, Maki Umeda¹*
¹Ageonomori Clinic, Ageo, Saitama, Japan; ²Department of Mental Health, Graduate School of Medicine, The University of Tokyo, Bunkyo-ku, Tokyo, Japan; ³Department of Public Health, Kitasato University School of Medicine, Sagamihara, Kanagawa, Japan; ⁴Department of Clinical Epidemiology, Translational Medical Center, National Institute of Mental Health, National Center of Neurology and Psychiatry, Kodaira, Tokyo, Japan; ⁵Endowed Course for Health System Innovation, Keio University School of Medicine, Shinjuku-ku, Tokyo, Japan; ²Kawasaki City Inclusive Rehabilitation Center, Kawasaki, Kanagawa, Japan; ³Research Institute of Nursing Care for People and Community, University of Hyogo, Akashi, Hyogo, Japan; ⁴Department of Digital Mental Health, Graduate School of Medicine, The University of Tokyo, Bunkyo-ku, Tokyo, Japan; nnyy712@gmail.com

**Internet addiction and problematic social media use among adolescents in the Moscow region**
*Alesya Lanovaya¹, Eugenia Fadeeva¹,²,³*
¹National Research Center on Addictions – branch, National Medical Research Centre for Psychiatry and Narcology n.a. V.Serbsky, Russian Federation Ministry of Health; ²Moscow State University of Psychology & Education, Moscow, Russia; ³V.M. Bekhterev National Medical Research Center for Psychiatry and Neurology, St. Petersburg, Russia; alesya.lan@gmail.com

**The wanting-liking dissociation of Internet gaming disorder: comparing with Tobacco use disorder**
*Guang-Heng Dong, Marc Potenza*
Hangzhou Normal University, China, People's Republic of; dongguangheng@hznu.edu.cn

**Male Internet gaming disorder subjects are more impulsive than females in inter-temporal decisions: Implications for their development to uncontrolled gaming behaviors**
*Hui Zheng, Guang-Heng Dong*
Hangzhou Normal University, China, People's Republic of; dongguangheng@hznu.edu.cn
## Mini-talk Session 1H

**Behavioral Addictions: Miscellaneous 2.**

**Time:** Thursday, 24/Aug/2023: 8:00am - 8:40am

**Location:** Room H (303) third floor

**Session Chair:** Beatrix Koronczai

### Presentations

<table>
<thead>
<tr>
<th>Title</th>
<th>Authors</th>
</tr>
</thead>
<tbody>
<tr>
<td>A Serial Mediation Model of Insecure Attachment and Internet Gaming Disorder: The Role of Psychological Needs, Social Support and Loneliness</td>
<td>Chiara Remondi(^1), Maria Gerbino(^1), Antonino La Tona(^2), Agostino Brugnera(^2)</td>
</tr>
<tr>
<td>Longitudinal and cross-sectional risk factors of logged and self-reported smartphone behaviour</td>
<td>Lucy Hitcham(^1), Hannah Jackson(^2), Richard James(^1)</td>
</tr>
<tr>
<td>Dark traits, dark behaviors: Relationship between the Dark Triad, problematic gaming, and problematic gambling</td>
<td>Anja Wertag, Renata Glavak Tkalić, Josip Razum, Ines Sučić</td>
</tr>
<tr>
<td>Identifying the Association between Body Dysmorphic Disorder and Exercise Addiction: A Pilot Study among Young Adults in Indonesia</td>
<td>Kassie Gracella Putri(^1), Kristiana Siste(^2)</td>
</tr>
</tbody>
</table>

\(^1\)Department of Psychology, Sapienza University of Rome, Rome, Italy; \(^2\)Department of Human and Social Sciences, University of Bergamo, Italy; chiara.remondi@uniroma1.it; lucyhitcham@hotmail.com; anja.wertag@pilar.hr; k.gracella@gmail.com
THE POSTERS CAN BE VIEWED DURING THE ENTIRE DURATION OF THE CONFERENCE.
432. A longitudinal study of the impact of Covid-19 pandemic on gaming, aggression, and depression in adolescents

Štěpán Komrška, Jaroslava Suchá, Martin Dolejš, Helena Pipová
Faculty of Arts, Palacký University Olomouc, Czech Republic; jsuch@upol.cz

193. A multimodal-based machine learning approach to classify internet gaming disorder and alcohol use disorder: a resting-state EEG and neuropsychological study

Ji-Yoon Lee1,2, Myeong Seop Song2, So Young Yoo2, Joon Hwan Jang2,4, Woo-Young Ahn1,3, Jung-Seok Choi8
1Department of Psychiatry, Samsung Medical Center, Seoul, Republic of Korea; 2Department of Health Science and Technology, Graduate School of Convergence Science and Technology, Seoul National University, Seoul, Republic of Korea; 3Department of Psychology, Seoul National University, Seoul, Republic of Korea; 4Department of Psychiatry, SMG-SNU Boramae Medical Center, Seoul, Republic of Korea; 5Department of Psychiatry, Seoul National University Health Service Center, Seoul, Republic of Korea; 6Department of Human Systems Medicine, Seoul National University College of Medicine, Seoul, Republic of Korea; 7Department of Brain and Cognitive Sciences, Seoul National University, Republic of Korea; 8Department of Psychiatry, Samsung Medical Center, Sungkyunkwan University School of Medicine, Seoul, Republic of Korea; lee.jyoon@snu.ac.kr

308. A Systematic Review of Pharmacological Treatments for Internet Gaming Disorder

Rafael Richard C. de Sá1, Sophie G. Coelho1, Puneet K. Paramar1, Samantha Johnstone2, Hyoun S. Kim1, Hermano Tavares1
1Department of Psychiatry, São Paulo, University of São Paulo, Brazil; 2Department of Psychology, Toronto Metropolitan University, Canada; hermanot@gmail.com

264. Alterations of Cognitive Function and sensory processing in Internet Gaming Disorder: A multimodal study investigating resting-state fMRI and task-related EEG

Minkyung Park1, Heejung Kim2, Jung-Seok Choi1
1SAMSUNG MEDICAL CENTER, Republic of Korea; 2SMG-SNU Boramae Medical Center, Seoul, Republic of Korea; renedrv@gmail.com

273. Analysis of Latent Profiles and Characteristic Differences in Adolescent Mental Health Literacy for Internet Gaming disorder

Ji-Young Yoon1, JongSerl Chun1, Soo-Young Bhang2,3,4
1Department of Social Welfare, Ewha Womans University, Korea, Republic of (South Korea); 2Department of Psychiatry, Eulji University School of Medicine, Nowon Eulji University Hospital, Seoul, Korea; 3Nowon Community Addiction Management Center, Seoul, Korea; 4Center for School Mental Health, Eulji University, Seoul, Korea; annie123@naver.com

413. Development and Validation of the Japanese version of the Motives for Online Gaming Questionnaire

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201. Gaming motivations and gaming disorder symptoms: A systematic review and meta-analysis

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426. How Socio-psychological, Individual, and Environmental Factors Relate to Symptoms of Internet Gaming Disorder in Early Childhood - Results form the Kids Cohort for Understanding of Internet Addiction Risk Factors in Early Childhood (K-CURE) Study in Korea.

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296. Investigating the Biopsychosocial Risk Factors of Problematic Gaming in Youth using a machine learning approach

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242. **Is there a relationship between the purchasing experience of probability-based items (loot boxes) and adolescent gaming addiction and problematic smartphone use?**

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334. **ONTOGD – An Ontology-Driven Conceptual Model for Gaming Disorder**

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430. **Predictive Models of Video Game Players’ Profiles: Insights into the Stability of the Profiles**

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156. **Prevalence, Correlates, and Comorbidities of Internet Gaming Disorder and Game Overuse: National Mental Health Survey of Korea 2021**

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344. **Problematic gaming behavior and common physiological measurements: A systematic review**

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414. **Self-perceptions and Gaming Flow Experience of Problematic Gamers in Mainland China: A Qualitative Study**

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249. **The effects of peer influence on actual self and virtual self to Internet gaming disorder in TRC: a cross-sectional study**

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283. **The relationships between online gaming behaviors and psychosocial problems among Japanese adolescents: A large-scale cross-sectional web-based survey**

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387. **A Validation Study of ProC stock and Cryptocurrency investment Scale on ICD-11**

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358. **Betting onset, sex and gambling trajectories: exploring subgroups of Gambling Disorder**

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363. Causal links between gambling products and gambling disorder  
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421. Exploring Social Fulfillment as a Moderator between Social Motives and Gambling  
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270. Gambling-related cognitions and prognosis of outpatients with gambling disorders: Data from a multicenter collaborative one-year follow-up study in Japan  
Moemi Shibasaki, Yoshiki Koga, Chie Nitta, Satoshi Furuno, Hitomi Okada, Akiko Iwamoto, Terumoto Takayama, Kotaro Nishimura, Takanobu Matsuzaki, Sachio Matsushita  
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121. Internet gambling disorder- A case series  
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198. Online Game Speculative Experiences and Problem Gambling among Youth in South Korea: Dual Mediation Effects of Irrational Beliefs and Gambling Attitude Running title: Online Game Speculative Experiences and Problem Gambling  
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349. Prospective effects of trait rumination and trait impulsivity on problematic gambling  
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235. Radixin contributes to risk choice preference by regulating dendritic spines in the nucleus accumbens  
Myung Ji Kwak, Bo Ram Cho, Wen Ting Cai, Wha Young Kim, Jeong-Hoon Kim  
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377. Struggling against Gambling Problem: Different gambling types, problem patterns, and coping of adolescent men and women based on network analysis  
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375. The Effects of Online Gambling Accessibility on Gambling Problems: Moderated Mediating Effects of Gambling Intention and exposure to COVID-19 risk  
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376. The Effects of Speculative Experience in Internet Games on Gambling Problems: Moderated Mediating Effects of Gambling Beliefs and Investment Experience  
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154. The effects of the presence of others on risky betting in a laboratory gambling task among high-risk gamblers: A cross-over randomized controlled trial  
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187. The use of causal inference methods in gambling research: A review  
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237. Validation of the Attitudes Towards Gambling Scale (ATGS) among Chinese Gamblers  
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369. Validation of the Korean Version of the Multi-Dimensional Gambling Accessibility Scale  
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164. Association between Compulsive Sexual Behavior and disapproval of sexual behavior in Japan  
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300. Associative Learning in Compulsive Sexual Behavior Disorder: The Role of Ventral Striatum and Orbitofrontal Cortex in Conditioning and Extinction  
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356. Differences in pornography use and associated factors between religious and non-religious adolescents: a network analysis  
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370. Hypersexual behavior in sexual assault survivors with PTSD : 3 cases of Written exposure therapy  
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119. Internet pornography addiction- Therapeutic approaches and case management challenges  
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420. Pornography as a coping mechanism: how does it start?
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425. Treatment of Multiple Paraphilias: The Role of religiosity
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281. A Study on the Types of Changes in the Development Trajectory of Smartphone Addiction in Korean Middle School Students: Focusing on longitudinal change types and multidimensional harms
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408. Child Maltreatment and Mobile Phone Addiction: Indirect Roles of Self-control and Rumination
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384. Effects of Screen Time on Problematic Behavior in Children During the COVID-19 Pandemic in South Korea: The mediation of Parental stress
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207. Goal-directed versus Stimulus-driven control in Problematic Smartphone users
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286. Smartphone use has a different risk on suicide rates: findings from a cluster analysis of Korean adolescents.
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178. Social consequences of the behavior of a dependent person in modern Kazakhstan (on the example of the problematic use of a cell phone)
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217. Strengthening inhibitory control modulates behavioral and neural correlates of craving for smartphone apps
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415. Stress, metacognitions, and short-form video addiction among Chinese: A multiple mediation model
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253. The Effects of Smartphone addiction on Wellbeing in Youth: Mediating Effect of Social Isolation
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284. The Relationship Between Smartphone Addiction, Mindfulness and Impulsivity
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428. A study on the correlation of obesity with food addiction in schizophrenia
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373. Changes in food cravings, eating behavior, and quantitative electroencephalography (QEEG) following transcranial direct current stimulation (tDCS) in individuals with overweight and obesity: a pilot study
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236. Chronic food restriction produces locomotor sensitization to amphetamine
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160. The effects of virtual reality-based approach-avoidance training (VR-AAT) on implicit and explicit chocolate preference
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412. A Glance into The Genetics of Body Dysmorphic Disorder (BDD)
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282. Biofeedback EEG in the prevention of compulsive work-related behaviors and reduction of their negative consequences: Preliminary results and barriers to providing support
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166. Prevalence, correlates, and comorbidities of Adult ADHD in a general population of South Korean Adults
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352. Tai Chi Chuan evidence related to impulsivity and impulse related disorders: a review
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176. A handy tool to measure impulsivity: The Brief Barratt Impulsiveness Scale Revised (BIS-R-10)
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### 317. A transdiagnostic model of impulsive dimensions based on clinical reality - the ACEDA model
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### 329. An exploratory factor analysis of multiple addictive behaviors in a large sample of individuals seeking treatment for behavioral addictions and impulse control disorders
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### 177. The relationship between the profile of education at the university and the propensity to Internet addiction among students
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### 229. Do hoarding symptoms belong to the obsessive-compulsive spectrum? Evidence from a psychometric network approach
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### 357. Impulse control disorder and addictive behaviors in compulsive buying disorder patients within and without the bipolar spectrum.
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### 427. Is Non-Suicidal Self-Injury behavior an addictive disorder?
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### 179. Level of anxiety in patients with synthetic dependence in departments of dependence therapies
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### 180. Relationships of emotional support and emotional intelligence in alcohol dependent people
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### 210. Evaluation of DigiWellPro educational intervention to professionals' digital well-being competence
Krista Maria Selina Hytkila, Mimi Saarinen, Maria Kääriäinen, Aino Peltonen, Riina Jämsä, Sanna Tiuraniemi, Merja Männistö, Johanna Jyhä-Ollila, Jenni Konttila, Niko Männikko
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277. **AR/VR Treatment for Behavioural Addictions**  
Genevieve H. Li, Felicia X. R. Chiew, Jing Shi  
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340. **Evaluation of clinical and occupational factors, psychosocial support and access to the primary network for planning the outpatient discharge of patients from an impulse control disorders psychiatric service**  
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