# 17<sup>TH</sup> INTERNATIONAL **CONFERENCE ON** GAMBLING & RISK TAKING



#### "The Eadington Conference"

May 27-30, 2019 Caesars Palace Hotel & Casino, Las Vegas, Nevada

> The world's first and finest gambling conference

> > PRESENTED BY:

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#### ACKNOWLEDGEMENTS

We would like to express a special thank you to all of those individuals who have helped make this conference happen. Dr. Bill Eadington built a very special collective in what is now an international field, and our collaborative efforts reflect his pioneering spirit.

PROGRAM CO-CHAIRS: Bo J. Bernhard Brett L. Abarbanel

SUBMISSION REVIEW COMMITTEE: Marta Soligo Kahlil Philander Sally Gainsbury Pauliina Raento Rein Halbersma

#### **CONFERENCE ORGANIZING COMMITTEE:**

Katherine Jackson Nicole Schultz Patty Rice Ebony Granato Alice Kim Shekinah Hoffman Darby Fitzpatrick-Reber

### **GREETINGS ATTENDEES!**

On behalf of our entire team at the UNLV International Gaming Institute, it is our honor to welcome you to the world's oldest, largest, and most multi-disciplinary gambling research conference. Way back in 1974, the great Bill Eadington had an inspired idea: let's convene the planet's top thinkers and researchers, and let's tackle the biggest questions about gambling — an activity and business that has existed nearly as long as humanity itself.

Since then, the special convening we all call "The Eadington Conference" has launched many careers, partnerships, and groundbreaking research, remaining forever true to Bill's pioneering, collaborative, and sharp academic spirit.

This year's gathering is bigger than ever, as our team received 30% more submissions than the last event (which broke all previous records) — and we also reduced the number of simultaneous sessions (from eight to six, in response to frequent complaints that there was just "too much good stuff" and that it was difficult to choose which panels to attend!) As a result, we are confident in saying that this was the largest, most competitive, and most comprehensive peer-reviewed process in the history of this conference.

Now, of course, it is time to enjoy all of the hard work that went into this passion project. More than anything else, we would encourage you to take advantage of the scope: sit next to someone who hails from the opposite side of the planet, listen to tales of gambling in other neighborhoods, and share your own perspectives on the gambling act with others. This is, after all, a "conference of collisions," and we have tried to organize a program structure that encourages cross-disciplinary and cross-continental conversations.

In the end, of course, this is your conference, and we want to thank you for your continuing support for a beloved event. Know that we take that support very seriously, and that we take it to our (academic) heart.

Very truly yours,

Bo Bernhard, Ph.D. Executive Director

International Gaming Institute University of Nevada, Las Vegas

Brett Abarbanel, Ph.D. Director of Research





## CONTINUING EDUCATION UNITS (CEUS) AND CONTINUING LEGAL EDUCATION (CLES)

The conference has been approved for both CEUs and CLEs. You will need to sign in each day at the registration desk, collect your paper evaluation forms, and turn in your session evaluations.



The conference program is approved for up to 18 CEUs by the National Council on Problem Gambling and the Nevada Board of Examiners for Alcohol, Drug and Gambling Counselors. Please sign in each day at the registration desk and collect your paper evaluation forms. Look for the symbol (shown above) throughout the program, and complete and turn in each session evaluation to the registration desk at the end of each day.

#### CLEs

The conference program is approved by the Nevada Board of Continuing Legal Education for up to 17.5 CLE credits, 2.5 Ethics CLE credits, and 2.5 Substance Abuse CLE credits. These sessions are marked in the schedule with CLE, CLE-E, and CLE-SA, respectively. Please ensure you sign in at each session on the designated form that will be at the back of the room. If you have any questions, please contact the registration desk.

#### WORKING LOUNGE

We have provided a working lounge for conference attendees in the Genoa room. There are tables, chairs, and power sources available for your use throughout the three full days of the conference.

#### WI-FI

Basic Wi-Fi (email, social media, messaging) is provided for attendees within the conference area through May 30. Network: UNLV | Password: gamblingconf

#### PHOTOGRAPHY/VIDEO RECORDING

Please be aware that a photographer and videographer have been commissioned by UNLV to take photographs and record footage at this event. These photographs/recordings may be included in UNLV's printed publications and on its website and social media. If you have any questions, please contact igi@unlv.edu.

#### SOCIAL MEDIA

We encourage you to share your conference experience!



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## MONDAY, MAY 27

5:00 pm – 7:00 pm

**Opening Reception** 

#### Roman Ballroom

**Roman Ballroom** 

**Roman Ballroom** 

Florentine II

## TUESDAY, MAY 28

7:30	am –	8:30	am	

Breakfast

Break

#### 8:30 am – 9:00 am **Opening Session**

Conference Introduction

Bo Bernhard, International Gaming Institute, University of Nevada, Las Vegas

9:00 am – 9:15 am

9:15 am – 10:40 am Session 1-1-A 🚯

**Treatment Stories** Moderator: Tim Fong, UCLA Gambling Studies Program

**Characteristics of Treatment Seeking Problem Gamblers with Adult ADHD** *Rory Reid, UCLA Gambling Studies Program* 

#### **Depression and Early Treatment Dropout among Individuals with Gambling Disorder** *Michael Campos, UCLA Gambling Studies Program*

	Clinical Characteristics, Mechanisms, and Treatment Hyoun Kim, Briana Cassetta, and Lianne Tomfohr, University of Calgary, Canada; Hermano Tavares, University of Sao Paulo, Brazil
	If Treatment Exists, Will They Come? Refusal and Dropout in Psychological Treatment for Gambling Disorder
	Rory Pfund, Samuel Peter, James Whelan, and Andrew Meyers, University of Memphis
9:15 am – 10:40 am	Session 1-1-B Florentine III
	<b>Establishing Best Practices</b> Moderator: Pieter Remmers, Assissa Consulting, Netherlands
	<b>Responsible Gambling in the U.S. Lottery Industry: Regulation, Verification, and Training</b> <i>Marlene Warner, Massachusetts Council on Compulsive Gambling</i>
	Developing an International Standard for Independent Assessments of
	<b>Responsible Gaming Technology</b> Kevin Mullally, Gaming Labs International
	Multi-venue Exclusion Program and Early Detection of Problem Gamblers: What Works and What Not?
	Tobias Hayer, University of Bremen, Germany; Gerhard Meyer, University of Bremen, Germany
	<b>The Benefits of a Certifiable Responsible Gambling Standard</b> Hermann Pamminger, Casinos Austria/Austrian Lotteries, Austria
9:15 am – 10:40 am	Session 1-1-C (CLE-SA) Florentine IV
	<b>Making Harms Matter</b> Moderator: Rachel Volberg, University of Massachusetts–Amherst; and Heather Wardle, London School of Hygiene and Tropical Medicine, UK
	Making Harms Matter: Translating Research on Gambling-related Harms into Practice Rachel Volberg, University of Massachusetts–Amherst; Mark Vander Linden, Massachusetts Gaming Commission
	Making Harms Matter: Translating Research on Gambling-related Harms into Practice Heather Wardle, London School of Hygiene and Tropical Medicine, UK; Tim Miller, Gambling Commission, UK

Assessing the Relationship between Gambling Disorder and Psychosis:

#### **Session 1-1-D**

Anzio

#### Data and Player Behavior

Moderator: Alfredo Lazcano, Lazcano Sámano, S.C., Mexico

How the World Started Using "Plastic" Money: A Brief History of How Electrons Transformed Money and Maybe We'll Even Try and Predict the Future

**Omer Sattar, Sightline Payments** 

**The Impact of Smart Mobile Apps on Betting Decisions** Johnnie Johnson, Nottingham Business School, UK; Ming Chien Sung, University of Southampton, UK

**Artificial Intelligence and Optimization in the Casino Industry** Anastasia (Stasi) Baran, nQube Data Science Inc., Canada

Monte Carlo Simulations of Players on the Slot Floor: Segmentation of Slot Machines and Classification of Players by Historical Behavior Jason Fiege, nQube Data Science Inc., Canada

#### 9:15 am – 10:40 am **Session 1-1-E**

Capri

#### **Gambling and the American Dream** *Moderator: Dmitri Shalin, University of Nevada, Las Vegas*

**Responsible Gambling and the Rationalization of Risk Taking in America** *Andrea Dassopoulos, University of Nevada, Las Vegas* 

**The Rhetoric and Logic of Risk in Religion: Las Vegas Experience** *Josiah Kidwell, University of Nevada, Las Vegas* 

**Traveling to Risk: Crosscultural Perspectives on Thrillertainment in Tourism** *Marta Soligo, University of Nevada, Las Vegas* 

**Gaming, Gambling, and Getting Ahead in American Society** *Dmitri Shalin, University of Nevada, Las Vegas* 

9:15 am – 10:40 am	Session 1-1-F	Florentine I
	<b>Global Capitals: Special Topics in the Burgeor</b> <b>Japanese Market</b> Moderator: Alan Feldman, MGM Resorts International and University of New Keiji Kobara, Shimane Prefectural Counseling Center for Physical and Mental Moritoshi Kido, Osaka University of Commerce, Japan	vada, Las Vegas I Health, Japan
10:40 am – 11:00 am	Naoyuki Nishimura, Japan Sustainable Responsible Gaming Council, Japa Morning Break	n Roman Foyer
11:00 am – 12:25 pm	Session 1-2-A 🚯	Florentine II
	Session 1-2-A Yorking Problem Gamblers Indentifying and Assisting Problem Gamblers Moderator: Marisa Paterson, Australian National University, Australia Gamblers Help Southern Venue Support and the Southern Responsible Gambling Network Initiative Guy Kumashev, Gamblers Help Southern Venue Support, Australia Identifying Gambling Harm in Australia: Evidence from a Nationally Representative Survey Patrick Leslie, Australian National University, Australia Interventions for Problem and Pathological Gambling: Status, Innovations, and Challenges Matthew Martens, University of Missouri Development of Lower-Risk Gambling Guidelines Matthew Young, Canadian Centre on Substance Use and Addiction, Canada; David Hodgins, Université de Québec à Trois-Rivières; Magali Dufour, Université que Québec à Montréal; Marie-Claire Flores-Pajot, Canadian Centre on Substance Use and Addiction; Louise Nadeau, Université que Québec à Montréal; Catherine Paradis, Université de Montréal; Canada	

## Las Vegas Sands is proud to support the 17th International Conference on Gambling & Risk Taking





#### 11:00 am - 12:25 pm

#### Session 1-2-B 🚯

Florentine III

#### **Harm Prevention and Youth**

Moderator: Jérémie Richard, McGill University, Canada

**B.O.O.M.**—There It Is! Betting On Our Merchants and Other Innovations from CA Betting On Our Future and the CA Office of Problem Gambling Programs James Kooler, Betting On Our Future; Terri Sue Canale-Dalman, California Office of Problem Gambling

The Efficacy of the "Who Really Wins?" Youth Gambling Prevention Program – Preliminary Results from the First National Implementation Study

Neven Ricijas and Dora Dodig Hundric, University of Zagreb, Croatia; Sanja Radic Bursac, High-school "Ivan Svear", Croatia; Ana Rakic, Psychiatric Hospital "Sv. Ivan", Croatia

**Sharpening Our Approach to Youth Gambling Prevention** *Sasha Stark, Responsible Gambling Council, Canada* 

**Using Misconceptions to Improve Education Programs that Aim to Prevent Gambling Problems** *Brittany Keen, Alex Blaszczynski, Fadi Anjoul, University of Sydney, Australia* 

#### 11:00 am – 12:25 pm **Session 1-2-C** (CLE)

Florentine IV

#### **Tribal Discussions**

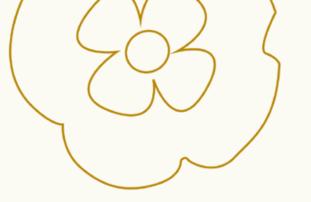
Moderator: Joanne Goodpipe, First Nations University of Canada, Canada

**Sports Betting and Indian Gaming: Overcoming Barriers to Market Entry and Integration of Sports Books into Tribal Casinos** Steve Light, University of North Dakota

Macau's Gaming Concessions and Indian Gaming in the U.S.: Developing Policy-driven Frameworks to Regulate Gaming Kathryn Rand, University of North Dakota

**Tribal Casino Labor Relations and the Future of Native Nation Sovereignty** *Theodor Gordon, College of Saint Benedict/Saint John's University* 

**Cultural vs. Economic Investments of Tribal Casinos in Historical Perspective** *Yale Belanger, University of Lethbridge, Canada* 



# Because Some Things Are Too Important to Leave to Chance

Thank you UNLV IGI and each of this year's conference participants for all that you do on behalf of our industry.

Your Friends at

RESORTS

11:00 am – 12:25 pm	Session 1-2-D Anzio
	International Case Studies – Tourism and Policy Moderator: Doug Walker, College of Charleston
	A Schumpeterian Approach to Examine the Development Boundary of Casino Tourism Ricardo Siu, University of Macau, Macau; Joey Sou, Institute for Tourism Studies–Tourism
	College, Macau
	Do Casinos Promote the Image of a Tourism Destination? The Case of Ponta Delgada, Azores Jose Deus, SRIJ, Portugal
	Maintenance of a Gambling Monopoly in the EU: Finland's Gambling Policy as a Case Jani Selin, National Institute for Health and Welfare, Finland
	Mexico: The Lack of a Gambling Policy Since the Mid-20th Century. Who Will Dare to Break the Futile Overprotection of the Status Quo? Alfredo Lazcano, Lazcano Sámano, S.C., Mexico
11:00 am – 12:25 pm	Session 1-2-E Capri
	<b>Media Relations</b> Moderator: Nicole Schultz, University of Nevada, Las Vegas
	Understanding Gambling Discourse in Modern Period of South Korea: Content Analysis on Newspaper Articles from 1896 to 1920
	Hye-mi Hong, Institute of Social Welfare, South Korea; Young-ho Lee, Sungkyunkwan University, South Korea
	Betting on Casinos as a Community Benefit: Analyzing Local News Coverage of the Development of Casino Gaming in Ohio Jessalynn Strauss, Elon University
	<b>Everyone Knows the Spread: The Increasing Popularity of Sports Gambling</b> <b>Media</b> <i>Ryan Thies, University of Wisconsin-Milwaukee</i>



11:00 am - 12:25 pm	Session 1-2-F	Florentine I
	<b>Global Capitals: Special Topics in the Bu</b> Japanese Market Moderator: Dean Hestermann, Caesars Entertainment	rgeoning
	<b>Challenges of Integrated Resorts in Japan</b> Kazuaki Sasaki, Toyo University, Japan	
	<b>An Empirical Analysis of "Responsible Gaming" in Conter</b> James Whelan, University of Memphis; Dean Hestermann and Jenr Entertainment	
	<b>Discussion on the Role of Integrated Resorts in Japan: Fo</b> Tatsuro Tanioka, Osaka University of Commerce, Japan	ocus on Osaka
	<b>Current Problem Gambling Countermeasures and Respon Dissemination Issues in Japan</b> Naoyuki Nishimura, Japan Sustainable Responsible Gaming Counc	
12:25 pm – 1:45 pm	Luncheon + Speaker	Roman Ballroom
	<b>Penn Jillette, Penn &amp; Teller</b> Introduction: Brett Abarbanel, University of Nevada, Las Vegas	
1:45 pm – 3:10 pm	Session 1-3-A 🔇	Florentine II
	<b>Treatment Programs: Outcomes</b> Moderator: Ted Hartwell, Desert Research Institute	
	<b>Examining the Odds: A Multilevel Analysis of Outpatient</b> <b>Treatment Programs. What Really Matters?</b> <i>Ki Park, University of Northern Iowa; Eric Preuss, Iowa Department</i> <i>Erin Heiden, University of Northern Iowa; Eva Aizpurua, Trinity Coll</i> <i>Mitchell Avery, University of Northern Iowa</i>	of Public Health;
	Redesigning Gambling Treatment Programs for Success: Approach Toward Program Development	
	Jeffery Marotta, Problem Gambling Solutions, Inc.; Greta Coe, Oreg	jon Health Authority
		TUESDAY

#### Developing and Evaluating an Online Treatment Program for Problem Gambling

Nigel Turner, Centre for Addiction and Mental Health, Canada

#### Gambling Treatment Diversion Court: First in Nevada

Denise Quirk, Reno Problem Gambling Center; Carol O'Hare, Nevada Council on Problem Gambling; Cheryl Moss, District Court, Family Division, State of Nevada; Dayvid Figler, Figler Law Group

#### 1:45 pm – 3:10 pm **Session 1-3-B**

Florentine III

#### Getting Social – Games, Responsibility, and Game Play

Moderator: Connie Jones, Association of Gaming Equipment Manufacturers

## What Predicts Social Casino Game Playing? Interrelations of Social Casino Gaming, Gambling, and Demographic Factors

Jani Kinnunen and Joe Macey, Tampere University, Gamification Group, Game Research Lab, Finland

#### **Gambling and Video Games: What Do We Know? Should We Worry?** *Meredith Ginley, East Tennessee State University; Rory Pfund, University of Memphis; Christin Collie, East Tennessee State University*

#### **Working Paper on the Paradigm of Gambling** Anssi Airas, The Finnish Foundation for Gaming Research, Finland

1:45 pm – 3:10 pm

#### Session 1-3-C (CLE)

Florentine IV

#### The World's Biggest Casino Market

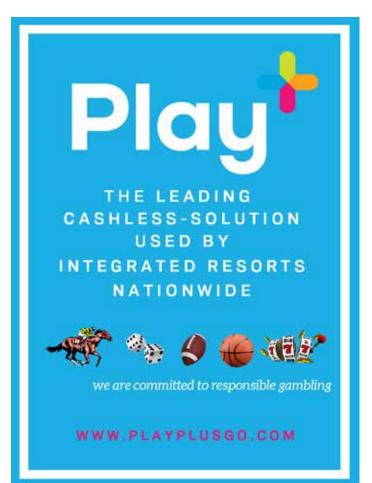
Moderator: Davis Fong, University of Macau, Macau

Are Gaming Concessions Obsolete? A Comparative Study of Macau and Portugal Jorge Godinho, University of Macau, Macau

**Will Junket Business Change Significantly in Macao?** *Changbin Wang, Macao Polytechnic Institute, Macau* 

**Changes in Macao's Casino VIP Business Regulations and Rules** *Carlos Siu Lam, Macao Polytechnic Institute, Macau* 







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1:45 pm – 3:10 pm	Session 1-3-D	Anzio
	<b>Cards and Dice</b> Moderator: Dan Sahl, University of Nevada, Las Vegas	
	<b>Snackjack, a Toy Model of Blackjack</b> Stewart Ethier, University of Utah; Jiyeon Lee, Yeungnam University, South Korea	
	<b>Nonstandard Dice that Both Count for Card Craps</b> <i>Mark Bollman, Albion College</i>	
	<b>Pair-a-Dice Lost: Experiments in Dice Control in Craps</b> <i>Robert Scott, Monmouth University</i>	
	<b>Video Poker with Persistent Bonuses – Mathematics</b> W. George Cochran, Louisiana State University	
1:45 pm – 3:10 pm	Session 1-3-E	Capri
	<b>Teaching and the Workplace</b> Moderator: Toni Repetti, University of Nevada, Las Vegas	
	When Coaching Meets Mindfulness Practice: A New Perspective on the Performance Improvement of Casino Employees Shuang Liu, Macao Polytechnic Institute, Macau	ne Work
	Work-Family Conflict and Job Satisfaction on Youth Dealers: The Moo Roles of Work Stress Jinquan Zhou, Macau Polytechnic Institute, Macau	derating
	<b>A New Pedagogy for Enhancing Innovation in the Hospitality Classroo</b> Robert Rippee, University of Nevada, Las Vegas	om
1:45 pm – 3:10 pm	Session 1-3-F	orentine l
	Global Capitals: Special Topics in the Burgeoning	
	Markets of Greece and Brazil Moderator: Rich Baldwin, Union Gaming	
	Brendan Bussmann, Global Market Advisors Gene Christiansen, Christiansen Capital Advisors Dario Paixao, Positivo University, Brazil	

3:10 pm – 3:30 pm	Afternoon Break	Roman Foyer
3:30 pm – 4:55 pm	Session 1-4-A 🚯	Florentine II
	Methods in Problem Gambling Research Moderator: Mark Vander Linden, Massachusetts Gaming Commission	
	<b>Gambling Behavior in Controlled Laboratory Experiments</b> Don Ross, University College Cork, Ireland and University of Cape Town, So J. Todd Swarthout, Georgia State University; Glenn Harrison, Georgia State Morten Lau, Copenhagen Business School, Denmark, and Durham Univers	e University;
	<b>Development and Validation of a Psychometric Instrument to M</b> <b>Recovery in Gambling Disorder</b> <i>Dylan Pickering, Alex Blaszczynski, and Sally Gainsbury, University of Sydn</i>	
	<b>Reliability and Accuracy of Online Panel Derived Data</b> Alex Blaszczynski and Dylan Pickering, University of Sydney, Australia	
	<b>Cross-Cultural Validation of the Gambling Pathways Questionn</b> <b>A Collaborative Approach to Measurement</b> <i>Caterina Primi, University of Florence, Italy; Lia Nower, Center for Gambling</i> <i>Rutgers University; Alex Blaszczynski, University of Sydney, Australia</i>	
3:30 pm – 4:55 pm	Session 1-4-B	Florentine III
	<b>Technology and Harm Minimization</b> Moderator: W. Spencer Murch, University of British Columbia, Canada	
	The Development of BetMinder: A Mobile App to Help People G Responsibly	iamble
	Travis Sztainert, Gambling Research Exchange Ontario, Canada Operator Insight: Using Customers to Inform Safer Gambling St Fran Clixby, Sky Betting and Gaming, UK	trategy
	<b>Social Casino Games Is an Intervention Opportunity for Gambli</b> Petros Roussos and Anastasios Vasios, University of Athens, Greece	ng?
	<b>Exploring New Methods of Harm Analysis with Artificial Intellige</b> <b>Application of Recurrent Neural Networks, Clustering, and Supe</b> <b>Learning to Classify Behavioural Events and Anomalies in Real</b> - <i>Simo Dragicevic, Playtech/Bet Buddy, UK</i>	ervised

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3:30 pm – 4:55 pm	Session 1-4-C (CLE)	Florentine IV
	<b>Taxation and Regulatory Lessons</b> Moderator: Michael Pollock, Spectrum Gaming	
	<b>The Curious Case of Betting Taxation in the UK: Lessons and Imp</b> Leighton Vaughan Williams, Nottingham Business School, UK	olications
	G'day Sport! What Can the U.S. Learn from the Australian Sports Experience?	betting
	Jennifer Owen, Independent Analyst, Australia	
	<b>Optimal Taxation for Integrated Resorts-Japan, Macau and Las V</b> Jacky So, University of Macau, Macau; Shinya Kawahara, Rissho University,	-
	The Value of Regulation to Platform-based Businesses: Evidence Online Poker Markets	e from
	Bradley Wimmer, University of Nevada, Las Vegas; Kahlil Philander, Washin University	gton State
3:30 pm – 4:55 pm	Session 1-4-D	Capri
	Game Math and a Legacy Moderator: Stewart Ethier, University of Utah	
	<b>The Legacy of Robert C. Hannum for Casino Mathematics</b> Stewart Ethier, University of Utah	
	An Application of Machine Learning to Protect Against Sure Loss of Chance	s in Games
	Matthew Doty and Varun Mazumdar	
	Kelly Fraction Estimation for Multiple Correlated Bets William Chin, DePaul University	
	<b>An Empirical Analysis of Hold Percentages, Wagering Activity, an</b> Scott Boylan, Washington and Lee University	nd Slot-Win
3:30 pm – 4:55 pm	Session 1-4-E	Florentine I
	Panel: The Changing Landscape of Sports Wag and the Impact on NCAA Competition Moderator: Brett Abarbanel, University of Nevada, Las Vegas	jering
	John Parsons, Tom Paskus, and Naima Stevenson, National Collegiate Athle	etic Association
	TI	JESDAY

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Enst higher education Institutional review by the Quality Assurance Agency for Higher Education, UK.

	WEDNESDAY, MAY 29	
8:00 am – 9:00 am	Breakfast	Roman Ballroom
9:00 am – 10:25 am	Session 2-1-A 🚯	Florentine II
	Measuring Problem Gambling Behavior – Moderator: Rachel Volberg, University of Massachusetts–Amherst	– On Location
	<b>Gambling Behavior Transitions in the Massachusetts Gam</b> <b>Cohort Study</b> Alissa Mazar and Rachel Volberg, University of Massachusetts–Amh Robert J. Williams, University of Lethbridge, Canada; Edward J. Stan Martha Zorn, University of Massachusetts–Amherst	nerst;
	Trajectories of Social and Economic Outcomes and Proble in Australia Marisa Paterson, Australian National University, Australia	m Gambling Risk
	<b>Sports Betting in America: Lessons from the NGAGE Stud</b> Don Feeney, Northstar Problem Gambling Alliance; Keith Whyte, No Problem Gambling (U.S.)	•
	<b>The AGRI National Study of Gambling and Problem Gamb</b> <i>Robert Williams, University of Lethbridge, Canada</i>	ling in Canada
9:00 am – 10:25 am	Session 2-1-B	Florentine III
	Harm and Health Moderator: James Whelan, University of Memphis	
	Gambling-related Harms and the Use of the Responsible G Gambling Harms 2016 Surveys Sari Castrén, National Institute for Health and Welfare, Finland	Gambling Tools:
	<b>Gambling-related Harms: Developing Priorities for Harm</b> <b>Setting</b> Judith Glynn, Strategic Science, Canada; Margo Hilbrecht, Gamblin Ontario, Canada	

WEDNESDAY

#### The Harmful Effects of Illegal Gambling: A Public Health Issue Suzanne Lischer, Lucerne University of Applied Sciences and Arts, Switzerland

#### Assessing the Public Health Impact of Problem Gambling through Linkage of Primary and Secondary Data Sources

Mark Vander Linden, Massachusetts Gaming Commission; Thomas Land, University of Massachusetts Medical School

#### Session 2-1-C (CLE) 9:00 am – 10:25 am

Florentine IV

#### **Gambling Innovation in Policy**

Moderator: Dan Waugh, Regulus Partners, UK

#### Banks: What Role Do They Play in Gambling? Thomas Swanton, Sally Gainsbury, and Alex Blaszczynski, University of Sydney, Australia

#### **Consumer Protection in the New Era of Sports Betting** Kurt Eggert, Chapman University School of Law

#### **Skill-based Gambling Machines: Consumer Attitudes and Capacity for Informed Choice**

Sally Gainsbury, The University of Sydney, Australia; Kahlil Philander, Washington State University; Georgia Grattan, University of Sydney, Australia

## Can the Regulations of Online Players' Protection be Harmonised?

Margaret Carran, City University London, UK

#### 9:00 am - 10:25 am

#### Session 2-1-D

Florentine I

#### Horses, Sports, and Games Moderator: Pauliina Raento, Tampere University, Finland

Analyzing the Efficiency of Response to News Regarding Legalization of Sports Wagering Kevin Krieger and Justin Davis, University of West Florida

Parimutuel versus Fixed-odds Betting: Evidence from a Hybrid Market Alasdair Brown, University of East Anglia, UK

#### Order Effects in the Australian and New Zealand Horse Racing Betting Markets

Timothy Baker, University of Southampton, UK

9:00 am – 10:25 am

#### Session 2-1-F

## The Sports Betting Landscape in the U.S.: What's Been Happening, and What Might Be Next?

Jennifer Roberts, University of Nevada, Las Vegas

#### 10:25 am – 11:00 am Mid-morning Break and Poster Sessions Roman & Anzio Foyers

#### **FEATURED POSTERS:**

#### A Statistical Analysis of the Roulette Martingale System: Examples, Formulas, and Simulations with R

Peter Pflaumer, University of Dortmund, Germany

#### Co-morbidity of Behavioral Addictions in Gambling Disorder and Its Relationship to Impulsivity

Chelsea Fitzpatrick and Daniel McGrath, University of Calgary, Canada

#### One Year Later: Examining Las Vegas Visitors' Perceptions Post October 1 Shooting

Saeed Hasanzadeh, Mehmet Erdem, and Billy Bai, University of Nevada, Las Vegas

#### Professional Competencies for Providing Interventions for Gambling Related Problems and Other High-risk Behavior – Perspective of Social Welfare Professionals

Neven Ricijas, Sabina Mandic, and Dora Dodig Hundric, University of Zagreb, Croatia

**The Hospitality Design Laboratory: Testing a Growing Global Resource for Architectural Planning Research in the Tourism/Resort Industry** *Glenn Nowak, University of Nevada, Las Vegas* 

**Cognitive and Personality Correlates of Sports Gamblers** Harvey Marmurek, Alysha Cooper, and Katrina Olfert, University of Guelph, Canada

#### Mental Health Profiles of Adolescents with Co-occurring Gambling Behaviours and Benzodiazepine Misuse

Émilie Fletcher, Jérémie Richard, and Jeffrey Derevensky, McGill University, Canada; William Ivoska, Wood County Alcohol, Drug Addiction, and Mental Health Services Board; Caroline Temcheff, McGill University, Canada

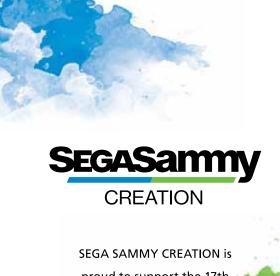
#### The Actual Circumstances of Gambling Involvement and Big Five Personality Traits within Japanese Adults

Takuhiro Takada, University of Tsukuba, Japan

#### Esports Enthusiasts and Gamers: Motivations, Behaviors, and Attitudes Towards Gambling

John Lukasik, Caesars Entertainment; Brett Abarbanel, Bo Bernhard, Jack Schibrowsky, University of Nevada, Las Vegas





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Boyd Gaming is proud to support the International Gaming Institute and the 17<sup>th</sup> International Conference on Gambling and Risk Taking.

#### A Systematic Review of Motivations for Season-long Fantasy Sport Participation

Ryan Martin, Kurtis Kozel, Kerry Sewell, Jeffrey Coghill, and Joseph Lee, East Carolina University

## Gender Differences in Treatment Seeking Gamblers with a Co-morbid Eating Disorder

Maryam Sharif-Razi and Kristin von Ranson, University of Calgary, Canada

## The Las Vegas Economy through Recessions: Analysis of Economic Diversification and Risk

Salma Ettefagh, Sang-Mun Cho, and Ashok Singh, University of Nevada, Las Vegas

#### Gender Differences in Non-Suicidal Self-Injury in a Sample of Treatment-Seeking Gamblers

Megan Cowie and David Hodgins, University of Calgary, Canada

#### The Science of the Slot Floor: Exploring Slot floor Dynamics and Player Behaviour through Visualization

Jason Fiege, Stasi Baran, and Courtney Bonner, nQube Data Science, Canada

#### 11:00 am – 12:25 pm Session 2-2-A 🚯

Florentine II

#### **Behavior and Detection**

Moderator: Alex Blaszczynski, University of Sydney, Australia

## Improving Diagnostic Accuracy: Text Comprehension and Detection of Gambling Disorder

Samuel Peter, James Whelan, Rory Pfund, and Andrew Meyers, University of Memphis

## Exploring Testosterone as Emerging Modulator of Risky Choices and Impulsivity in Problem Gambling

Autumn Carriere, Nipissing University, Canada, Canada; Simon Chiu, Zack Cernovksy, University Western Ontario, Canada, Canada; Mariwan Husin, Northern Ontario Medical School, Canada; John Copen, University of British Columbia, Canada; Gupreet Sidhu, Recovery Clinic, Canada; Mujeeb Shad, University of Oregon Health Services; Andrew Sadek, University Western Ontario, Canada

## Binge Eating and Gambling Are Prospectively Associated with Common and Distinct Deficits in Emotion Regulation among Community Women

Sarah Farstad, Forensic Psychiatric Services Commission, Canada; Kristin von Ranson, University of Calgary, Canada

## A Qualitative Exploration of Problem Gambling Trajectories During and After Self-exclusion

Anna Dawczyk, University of Waterloo, Canada

11:00 am – 12:25 pm	Session 2-2-B	Florentine III
	Responsible Gambling Intervention in Expand Markets Moderator: Debi LaPlante, Harvard Medical School Understanding GameSense in an Expanding Gaming Market Heather Gray, Harvard Medical School	ling
	Evaluation of the Massachusetts Voluntary Self Exclusion Progra John Kleschinsky, Harvard Medical School A First Look at PlayMyWay in an Expanding Gaming Market Matthew Tom, Harvard Medical School	am
11:00 am – 12:25 pm	Session 2-2-C (CLE)	Florentine IV
	<b>Consumer Protection</b> Moderator: Brett Abarbanel, University of Nevada, Las Vegas	
	<b>Regulating the Gaming Industry Across Time and Place</b> <i>Melissa Rorie, University of Nevada, Las Vegas</i>	
	Loot Boxes: Something Old or Something New? Questions of De and Policy Alan Littler, Kalff Katz & Franssen, Netherlands	finition
	What is a Game of Chance? An Application to Loot Boxes Wessel Oomens, Netherlands Gambling Authority, Netherlands	
	<b>Self-exclusion Mechanism and GDPR Principles</b> Dusan Pavlovic, Better Collective, Serbia	
11:00 am - 12:25 pm	Session 2-2-D (CLE-E)	Capri
	<b>Ethics and Gambling Development</b> Moderator: Ngai Pindell, University of Nevada, Las Vegas	
	Is Risk Taking Beneficial?: An Analysis of John Hobson's "The Etl Gambling" (1905) and Frank Kight's "Risk, Uncertainty, Profit" (1 Andrew Gustafson, Creighton University	
	<b>Where Isn't the Action?</b> James Cosgrave, Trent University, Canada	
	WEDN	JESDAY

	Anti Money Laundering and (Online) Gaming: How to Implem Indistinct AML Notions – Regulatory Experiences from Europ Simon Planzer, University of St. Gallen, Switzerland The Fight Against Unlicensed and Illegal Gambling – a Europ Dietmar Hoscher, European Casino Association and European Association of Gambling	be bean Perspective
11:00 am – 12:25 pm	Session 2-2-E	Florentine I
	<b>Research – Women in the Industry</b> Moderator: Jan Jones Blackhurst, Caesars Entertainment	
	<b>Female Leadership in Gaming: Where Are They and Where A</b> Toni Repetti and Shekinah Hoffman, University of Nevada, Las Vegas	Are They Missing?
	<b>"What, Was I Supposed to Give Up My Career?": The Workin Women in Gaming Management</b> Shekinah Hoffman, University of Nevada, Las Vegas	g Worlds of
12:25 pm – 1:45 pm	Luncheon + Speaker	Roman Ballroom
	<b>#metoo: What Can We Do?</b> Speaker: Becky Harris, University of Nevada, Las Vegas Introduction: Shekinah Hoffman, University of Nevada, Las Vegas	
1:45 pm – 3:10 pm	Session 2-3-A 🚯	Florentine II
	<b>Problem Gambling and Emerging Technolo</b> Moderator: Luke Clark, University of British Columbia, Canada	gy
	<b>Loot Box: A Nexus of Internet Gambling and Video Gaming</b> Wen (Vivien) Li Anthony and Lia Nower, Center for Gambling Studies, F	Rutgers University
	<b>Crypto-currency Trading Among Regular Gamblers: A New F Gambling?</b> Devin Mills and Lia Nower, Center for Gambling Studies, Rutgers Unive	
	<b>'Zoning In' or 'Zoning Out'? Investigating Slot Machine Imm</b> <b>Mobile Eye Tracking</b> W. Spencer Murch, University of British Columbia, Canada	ersion with
	Recent World Health Organisation (WHO) Initiatives in Relat and Gambling and Gaming-gambling Convergence Max Abbott, Auckland University of Technology, New Zealand	ion to Gaming
	WEI	DNESDAY



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1:45 pm – 3:10 pm	Session 2-3-B	Florentine III
	<b>Responsible Gambling and Consumer Behavio</b> Moderator: Pieter Remmers, Assissa Consulting, Netherlands	or
	<b>Do Gambling Products Provide Positive Net Utility to Consumer</b> Matthew Rockloff, Central Queensland University, Australia	s?
	<b>Awareness Isn't Good Enough</b> Elaine McDougall and Shelley White, Responsible Gambling Council, Canad	da
	<b>Missing in Action? Electronic Gaming Machines in Gambling Stu</b> Fiona Nicoll, Mark Johnson, and Zachary Palmer, University of Alberta, Car	
	<b>Play Responsibly? Perceptions of Warning Messages on Lottery</b> Qian Li, Tori Horn, Whitney Howie, Rimsha Majeed, Stephanie Huette, Jame Andrew Meyers, University of Memphis	
1:45 pm – 3:10 pm	Session 2-3-C (CLE)	Capri
	<b>Regulatory Change and Models</b> Moderator: Melissa Rorie, University of Nevada, Las Vegas	
	Is a Clustered or Dispersed Casino Location Model Better? Douglas Walker, College of Charleston	
	<b>Public Interests and Economic Regulation of Gambling</b> Rein Halbersma, Netherlands Gambling Authority, Netherlands; Joost Pool of Amsterdam, Netherlands	rt, University
	In Search of Equilibrium – How Regulatory Changes Impact the Industry in Poland Sebastian Meitz, Stanisław Pogorzelski, and Przemysław Bloch, Gaming 5. University, Poland	-
	<b>"Oh, Those Horsemen!" Regulatory Change and Cultural Peculia</b> <b>Finland</b> Pauliina Raento, Tampere University, Finland	arity in
	WEDN	JESDAY

1:45 pm – 3:10 pm	Session 2-3-D	Anzio	
	<b>Gambling Behavior</b> Moderator: Stasi Baran, nQube Data Science Inc., Canada		
	<b>Does Near Win Affect People's Investment Behavior?</b> Jia Yuan, University of Macau, Macau		
	The Unpredictable Positive Effects of Sports Gambling: Gamble Losing Feels Worse Than it Actually Feels Guy Voichek and Nathan Novemsky, Yale University	ers Think	
	Impact of Multiple Weather Factors on the UK Spread-betting M Ming Chien Sung, University of Southampton, UK; Johnnie Johnson, Notti School, UK; Shaosong Wang, Macau University of Science and Technology Fraser-Mackenzie, University of Southampton, UK; Chung-Ching Tai, Tung Taiwan	ngham Business 1, Macau; Pete	
	IQ and Gambling Consumption: An Analysis of Horse Race Bett Participation and Expenditure Using Individual-level Data Niko Suhonen, Tuomo Kainulainen, and Jani Saastamoinen, University of Finland; David Forrest, University of Liverpool, UK	-	
1:45 pm – 3:10 pm	Session 2-3-E	Florentine I	
	Panel: How Do We Do Research? Stories from Las Vegas Raiders and Las Vegas Convention Visitors Authority Moderator: Bo Bernhard, University of Nevada, Las Vegas		
	Kevin Bagger, Las Vegas Convention and Visitors Authority Mark Shearer, Las Vegas Raiders		
1:45 pm – 3:10 pm	Session 2-3-F	Florentine IV	
	<b>Lightning Talks</b> Moderator: Marta Soligo, University of Nevada, Las Vegas		
	<b>The Influence of Gambling on the Immigrant and Refugee Community</b> <i>Tamika Harvey, Department of Behavioral Health and Intellectual Disability Services</i>		
	<b>"I am a Gambler": Identity Centrality Predicts Disordered Gambling</b> <b>Symptomatology</b> <i>Melissa Salmon, Nassim Tabri, and Michael Wohl, Carleton University, Canada</i>		
	WEDN	VESDAY	

	Gambling Services Gap Analysis		
	John Kleschinsky, Harvard Medical School		
	<b>DUI and Gambling</b> Sarah Nelson, Harvard Medical School		
	Rewarding Responsible Gambling May Increase Tool Use and Attitudinal Loyalty: A Survey of Members Who Do and Do Not Currently Use Responsible Gambling Tools Samantha Hollingshead and Michael Wohl, Carleton University, Canada		
	GameSense Interactions: Improving Guest Experience with Responsible Gaming Richard Taylor, MGM Resorts International		
	Gamblers' Perceptions of Stakeholder Responsibility for Minimizing		
	Gambling Harm		
	Heather Gray, Harvard Medical School		
	<b>Natural Groups of Daily Fantasy Sports Players</b> Matthew Tom, Harvard Medical School		
	New Directions in Internet Gambling Research Timothy Edson, Harvard Medical School		
	<b>Leadership's Influence on Environmental Sustainability</b> Stallar Lufrano-Jardine, University of Nevada, Reno		
	<b>Skins Betting and Anti Money Laundering Policy in the United States</b> J. Gregory Cloward, University of Nevada, Las Vegas		
3:10 pm – 3:30 pm	<b>Afternoon Break &amp; Poster Session</b> Roman & Anzio Foyers Posters will remain available for viewing during the afternoon break		
3:30 pm – 4:55 pm	Session 2-4-A 🚯		
	Harms and Social IssuesFlorentine IIModerator: Knut Walter, Scientific Affairs, GermanyFlorentine II		
	<b>The Social Construction of "Gambling Addiction" as a Means of Solving Other Social Problems. The Case of Germany.</b> Jo Reichertz and Gerd Moell, Institute for Advanced Study in the Humanities (KWI), Germany		
	Motivational Factors for Gambling and Gambler Profiles Based on a Population-based Finnish Gambling Harms Survey Anne Salonen, National Institute for Health and Welfare, Finland; Heli Hagfors, University of Tampere, Faculty of Social Sciences, Finland WEDNESDAY		



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Gambling-related Harm and Criminal Activity – Combining Population-based Finnish Gambling Harms Survey with Register Data Kalle Lind, National Institute for Health and Welfare, Finland

**Predictors of Older Adult Gamblers in Representative Sample: Implications for Education, Prevention, and Treatment** *Addam Reynolds and Dmitriy Nikitin, Rutgers University* 

3:30 pm – 4:55 pm **Session 2-4-В** (СLE-Е)

Florentine III

#### **Responsible Gambling Training**

Moderator: Shelley White, Responsible Gambling Council

**Recommendations for Responsible Gambling Manager Education** Janine Robinson, Responsible Gambling Council, Canada; Kahlil Philander, Washington State University; Sasha Stark, Responsible Gambling Council, Canada

**Developing and Evaluating Staff Training in Responsible Gambling in Search of a Benchmark** *Michelle Beckett and Alex Blaszczynski, University of Sydney, Australia* 

**Exploring Training-led Approaches to Responsible Game Design** *Tammi Barlow, IGT; Jonathan Parke, Sophro Ltd., UK* 

**A Digital Journey: Gambling Research and Knowledge Translation** Sylvia Hagopian and Nigel Turner, Centre for Addiction and Mental Health, Canada

3:30 pm – 4:55 pm

#### Session 2-4-C (CLE)

Florentine IV

**Gaming and Gambling Policies** Moderator: Michael Green, University of Nevada, Las Vegas

**The Change and Stability of Moral Discourses and Practices of Gambling and Tobacco Smoking in Finland, Sweden, and Germany** *Riitta Matilainen, University of Helsinki, Finland* 

**A Statistical History of Gambling in Great Britain in the 21st Century** Daniel Waugh, Regulus Partners, UK; Ian McHale, University of Liverpool, UK

Gaming in Britain 1900–1939: 'I have got a good following. I have now a Duke and an Earl. In fact I have the cream of Society.' Seamus Murphy, University of Bedfordshire, UK

**Easy Money, Elite Anxiety, and Rome's First Anti-gambling Law** *Suzanne Faris, Ancient Sources* 





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3:30 pm – 4:55 p	pm
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#### Session 2-4-D (CLE-SA)

Capri

Anzio

#### Casino Management Myths: State of Casino Operations Research

Anthony Lucas, University of Nevada, Las Vegas

#### 3:30 pm – 4:55 pm

#### Session 2-4-E 🚯

#### **Current Issues in Problem Gambling**

Moderator: Jim Kooler, Betting On Our Future

**Recovery Capital in Individuals with a Gambling Disorder** *Belle Gavriel-Fried, University of Tel Aviv, Israel* 

A Criminological Examination of the Relationship between Problem Gambling and Coercive Control amongst Intimate Partners

James Banks and Jaime Waters, Sheffield Hallam University, UK

**Simulated Gambling among Young People in Denmark** *Søren Kristiansen, Aalborg University, Denmark* 

, 5 ,

#### Get ENGAGED: Results of NCPG 2018 National Survey of Gambling Attitudes and Experiences

*Keith Whyte, National Council on Problem Gambling (U.S.); Don Feeney, Northstar Problem Gambling Alliance* 

3:30 pm – 4:55 pm

#### Session 2-4-F

Florentine I

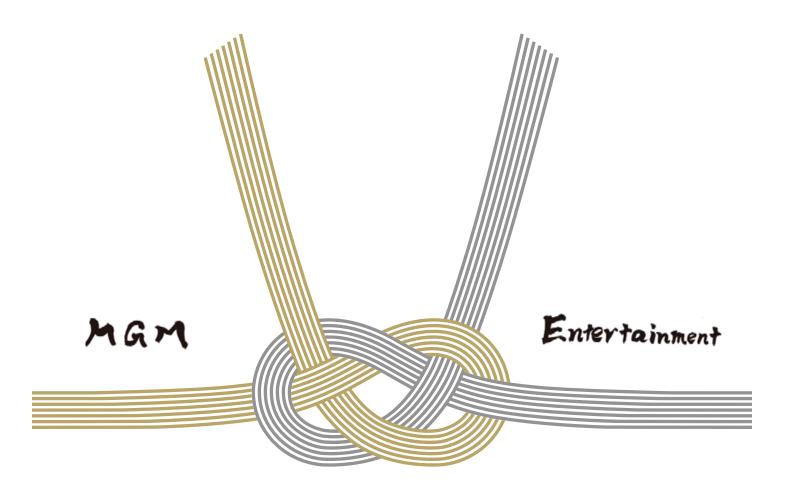
#### Panel: The Future is Green: Examining the Budding Relationship Between Cannabis and Gambling

Timothy Fong (moderator), UCLA Gambling Studies Program; Jennifer Roberts, University of Nevada, Las Vegas; Chris LaPorte, Reset Vegas



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## EADINGTON CONFERENCE DINNER

#### Wednesday, May 29 | 6:30 pm

Roman Ballroom, Caesars Palace

Featuring Las Vegas Headliner SANTIAGO MICHEL

6:30 pm | Cocktails 7:30 pm | Dinner

## THURSDAY, MAY 30

8:00 am – 9:00 am

**Breakfast** 

Roman Ballroom

Florentine II

#### 9:00 am – 10:25 am

#### Session 3-1-A 🚯

#### Preventing Gambling-related Harm

Moderator: Don Feeney, Northstar Problem Gambling Alliance

#### **Gambling-related Harm and the Prevention Paradox** *Matthew Browne, CQ University, Australia*

**Preventing Gambling Harm – Targeting at Risk Gamblers** *Eija Pietilä, and Tapio Jaakkola, Finnish Association for Substance Abuse Prevention, Finland* 

#### An Evidence-based Approach to Stigma Reduction

Mina Hazar and Adela Colhon, YMCA of Greater Toronto, Canada

**The Mediating Effect of Mental Health Symptoms in the Relationship between Bullying Victimization and Engagement in Addictive Behaviors** *Jérémie Richard, McGill University, Canada; Aris Grande-Gosende, University of Oviedo, Spain; Émilie Fletcher, Caroline Temcheff, McGill University, Canada; William Ivoska, Wood County Alcohol, Drug Addiction, and Mental Health Services Board; Jeffrey Derevensky, McGill University, Canada*  9:00 am – 10:25 am

#### Session 3-1-B

Florentine III

# Adaptation and Exposure: Exploring Paradoxical Findings in General Population Studies

Max Abbott, Auckland University of Technology, New Zealand Kahlil Philander, Washington State University

9:00 am – 10:25 am Sess

#### Session 3-1-C (CLE)

Florentine IV

Anzio

## Past, Present, and Future Issues in Gambling Policy

Moderator: Rich Baldwin, Union Gaming

#### **Gambling's Normalization Across 50 Years** John Dombrink, University of California, Irvine

**Recent Casino and Card Club BSA and AML Enforcement Actions** Leonard Senia, Senia Casino Management Service, LLC

# Regulation of Unlicensed Cross-border Gambling in Finland and the Netherlands

Johanna Järvinen-Tassopoulos, THL – National Institute for Health and Welfare, Finland; Alan Littler, Kalff Katz & Franssen, Netherlands

#### 9:00 am – 10:25 am

## Session 3-1-D

## **Gambling Market Case Studies**

Moderator: Jeff Dense, Eastern Oregon University

## The Saga of Casino Gambling in Massachusetts

Richard McGowan, Boston College; John F. Mahon, University of Maine–Maine

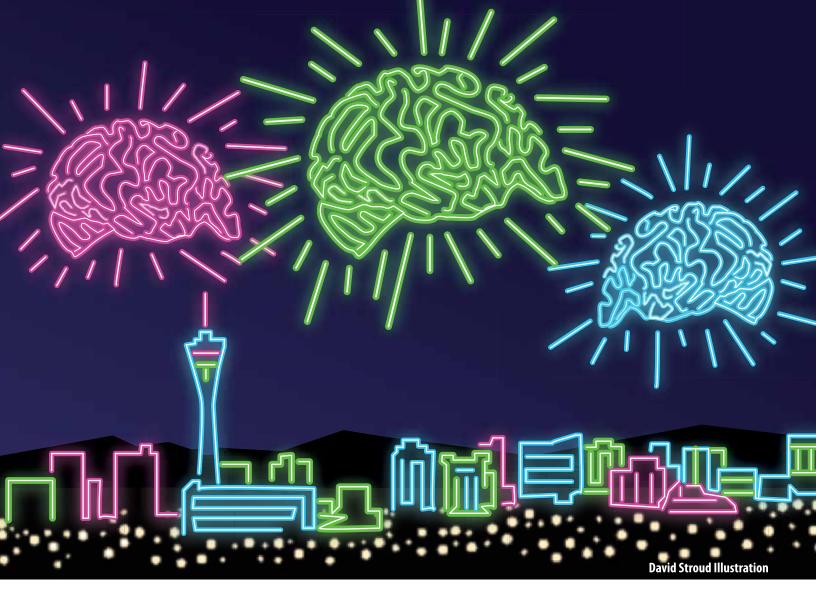
#### Determinants of Gambling in the UK: An Economic Analysis of Recent Changes in the UK Gambling Market

Adam Rivers, KPMG, UK; Lars Nesheim, University College London, UK; Seamus McGowan, James Bentley, KPMG, UK

#### Gambling and Tourism in South America: An Analysis of Resort Casinos Evolution and Legislation Comparison in the Continent

Dario Paixao, Positivo University, Brazil; Bo Bernhard, University of Nevada, Las Vegas; Angelica Paixao, Positivo University, Brazil; Jose Manoel Gandara, Federal University of Parana, Brazil





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9:00 am – 10:25 am	Session 3-1-E 🔇	Capri	
	<b>Disordered Gambling Development and Impa</b> Moderator: Michael Wohl, Carleton University	cts	
	The Risk for Developing Disordered Gambling: Equal for Every F Implications for Research, Policy, and Consumer Protection Gerhard Bühringer, University of Dresden, Germany; Roxana Kotter, University Würzburg, Germany; Robert Czernecka and Anja Kräplin, University of Dres	sity of	
	<b>The Impact and Role of Emotion Regulation on Problem Gamblin Emerging Adults</b> Loredana Marchica, McGill University, Canada; Devin Mills, Rutgers Univers Derevensky and Tina Montreuil, McGill University, Canada		
	GamCare Annual Statistics Review: Themes and Trends from a U Perspective Helen Garratt, GamCare, UK	JK Treatment	
	<b>Can We Take Control over our Illusion of Control?</b> Robin Chark, Davis Fong, Lawrence Fong, and Jacky So, University of Maca	u, Macau	
9:00 am – 10:25 am	Session 3-1-F	Florentine I	
	Mini-EDPs: A Tribute to the Legacy of Bill Eadi Andrew MacDonald, Marina Bay Sands, Singapore	ngton	
10:25 am – 11:00 am	Morning Break	Roman Foyer	
11:00 am – 12:25 pm	Session 3-2-A 🚯	Florentine II	
	Sociopsychological Factors and Problem Gambling Moderator: Belle Gavriel-Fried, University of Tel Aviv, Israel		
	Gender and the Social, Economic and Legal Consequences of Gambling Michelle Malkin, Michigan State University		
	What Symptoms of Disordered Gambling, Disordered Eating, Anxiety, and Depression Co-occur? The Explanatory Power of Network Analysis Nassim Tabri, Melissa Salmon, Samantha Hollingshead, and Michael Wohl, Carleton University, Canada		
	THU	JRSDAY	

An International Comparative Study of Stigma and Attitudes Towards Problem Gambling: The Role of Perceived Accessibility and Exposure in Australia, Croatia, Israel, and Canada

Paul Delfabbro, University of Adelaide, Australia; Belle Gavriel-Fried, University of Tel Aviv, Israel; Neven Ricijas and Dora Dodig Hundric, University of Zagreb, Croatia; Jeff Derevensky, McGill University, Canada

#### **Supporting Highly Driven Deniers**

Sara Eliesen and Alex McGuire, BCLC, Canada

11:00 am – 12:25 pm **Session 3-2-B** 

Florentine III

# Understanding Daily Fantasy Sports from the Inside: Results from the Division on Addiction – DraftKings Research Collaborative

Moderator: Matthew Tom, Harvard Medical School

**Examining Gambling-related Problems and Participation-related Motivations among a Sample of Daily Fantasy Sports Players** *Ryan Martin, East Carolina University* 

**Epidemiology of Daily Fantasy Sport Play** Sarah Nelson, Harvard Medical School

**Populations Patterns of Daily Fantasy Sports Play** *Debi LaPlante, Harvard Medical School* 

**Applying Diverse Cognitive Theories of Gambling to Daily Fantasy Sports Expenditures** *Timothy Edson, Harvard Medical School* 

11:00 am – 12:25 pm

#### Session 3-2-C (CLE)

Capri

THURSDAY

#### Lotteries Moderator: Don Feeney, Northstar Problem Gan

Moderator: Don Feeney, Northstar Problem Gambling Alliance

### State Lotteries, Commercial Casinos and Public Finance: An Uneasy Relationship Revisited (Again)

Jeff Dense, Eastern Oregon University

#### A System Dynamic Analysis on Taiwan Sports Lottery from Stakeholders' Perspective

Day-Yang Liu, National Taiwan University of Science and Technology, Taiwan

#### Secure Gaming Operation with a Risk-based Approach – The Brazilian State Lottery Case Itamar Pereira, Brazilian Ministry of Finance, Brazil

**Scientific Games and the Spread of State Lotteries** Jonathan Cohen, University of Virginia

11:00 am – 12:25 pm Session 3-2-D

Anzio

# **Case Studies – Engagement**

Moderator: Stallar Lufrano-Jardine, University of Nevada, Reno

#### Deconstructing the Organization through Indigenous Education, the Unexpected Entrepreneurship Outcome

Joanne Goodpipe, Richard Misses, First Nations University of Canada, Canada; Jada Yee, SaskGaming, Canada

**The Influence of Service Environment and Brand Equity on Gaming Customer Engagement** *Catherine Prentice, Swinburne University, Australia; Dennis Miller, Sun Yat-sen University, China* 

### Reinventing the Wheel: Comparing Family Friendly Vegas and Adult-friendly Vegas Revenue Growth

James Vaughn, MGM Resorts International

**VICTORS: A New Framework for Managing Customer Experience in Gaming** Sudhir Kale, GamePlan Consultants/Bond University, Australia

11:00 am – 12:25 pm

## Session 3-2-E

Florentine IV

# Panel: The National Gambling Impact Study Commission's Final Report: What More do We Know Twenty Years Later?

Moderator: Roger Gros, Global Gaming Business

Katherine Spilde, San Diego State University; Christine Reilly, National Center for Responsible Gaming

# THURSDAY

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	<b>Musical Performance by Cirque du Soleil Artist</b> Kate St. Pierre and Martin St. Pierre, Cirque du Soleil	S	
1:45 pm – 3:10 pm	Session 3-3-B 🚯	Florentine III	
	<b>Global Case Studies</b> Moderator: Bo Bernhard, University of Nevada, Las Vegas		
	<b>Experience with Global Mandatory Loss Limits</b> Bjorn Hoffmann, Norsk Tipping, Norway		
	Measuring Gambling: Prevalence of at Risk and Problematic Gan Chile 2015–2018	-	
	Juan Oyanedel, Universidad Andrés Bello, Chile; Mariela Huenchumilla, Sun Chile; Andrés Rubio, Universidad Andrés Bello, Chile	International,	
	What Are the Attitudes Towards Gambling among the General Po and Foreigners Living in the Post-communist European Country? from the Czech Republic David Fiedor, Palacky University, Czech Republic	-	
1:45 pm – 3:10 pm	Session 3-3-C (CLE)	Florentine IV	
	<b>Policy Impact Discussions</b> Moderator: Changbin Wang, Macao Polytechnic Institute, Macao		
	<b>Do Slot Machine Proliferation and Gambling Expenditure Really Impact on</b> <b>Problem Gambling Prevalence? Implications for Policy and Research</b> <i>Rohan Miller, University of Sydney, Australia; Gwyneth Howell, Western Sydney University,</i> <i>Australia; Alvin Lee, Deakin University, Australia</i>		
	Illegal Gambling and Its Operation via the Darknet and Bitcoin: An Application of Routine Activity Theory Sinyong Choi, University of Nevada, Las Vegas		
	<b>Democratic Mechanisms and other Determinants of State Gamin</b> <i>Kim Manh, University of Houston</i>	g Expansion	
	THU	RSDAY	
17 <sup>th</sup> internatio	NAL CONFERENCE ON GAMBLING & RISK TAKING 2019 PROGRAM   PAGE 43	3	

Luncheon + Special Performance

Roman Ballroom

12:25 pm – 1:45 pm

1:45 pm – 3:10 pm	Session 3-3-E (CLE)	Florentine II	
	<b>Dual Panels in International Policy</b> Moderator: Becky Harris, University of Nevada, Las Vegas		
	A Strategy to Go Beyond 'Responsible Gambling' – A Whole Nation Approach to Reducing Gambling Harms in Britain Tim Miller, Gambling Commission, UK (moderator); Aisling Ní Chonaire, The Behavioural Insights Team, UK; John Hagan, Harris Hagan and Industry Group for Responsible Gambling, UK		
	The 2019 Department of Justice Opinion on the Federal Wire Ac What It Means for Nevada, the Nation and Non-U.S. Operators Anthony Cabot (moderator), Jennifer Roberts, University of Nevada, Las Ve Greg Gemignani, Dickinson Wright		
1:45 pm – 3:10 pm	Session 3-3-F	Florentine I	
	Panel: Fireside Chat with Andy Bloch: MIT Black Team, Professional Poker, and Fascinating Stoc the Intellectually Curious Moderator: Brett Abarbanel, University of Nevada, Las Vegas	-	
3:10 pm – 3:30 pm	Afternoon Break	Roman Foyer	
3:30 pm – 4:55 pm	Session 3-4-A 🚯	Florentine II	
	Problem Gambling Behaviors and Prevention Moderator: Helen Garratt, GamCare, UKCharacteristics of Sports Bettors in an Epidemiological Study Lia Nower, Rutgers University; Kyle Caler, Sacramento State UniversityResults of Problem Gambling Research in 11 Native American Tribal Communities in Nevada William Hartwell, Desert Research Institute; Sydney Smith, RISE Center for Recovery		
	<b>Predicting Self-exclusion Status in Online Gambling Data via Machine</b> <b>Learning Algorithms</b> Luke Clark, Kent Macdonald, and Tilman Lesch, University of British Columbia, Canada		
	<b>Recovery and Person-centered Care in Gambling Disorder</b> Angels Gonzalez-Ibanez, Janis Tondora, and Larry Davidson, Yale Universi		
	THU	JRSDAY	

#### Session 3-4-B

# **Responsible Gambling Programming**

Moderator: Sally Gainsbury, University of Sydney, Australia

# Loyalty Programs in the Gambling Industry: Understanding the Risks and Potential for Harm Minimization

Michael Wohl, Carleton University, Canada

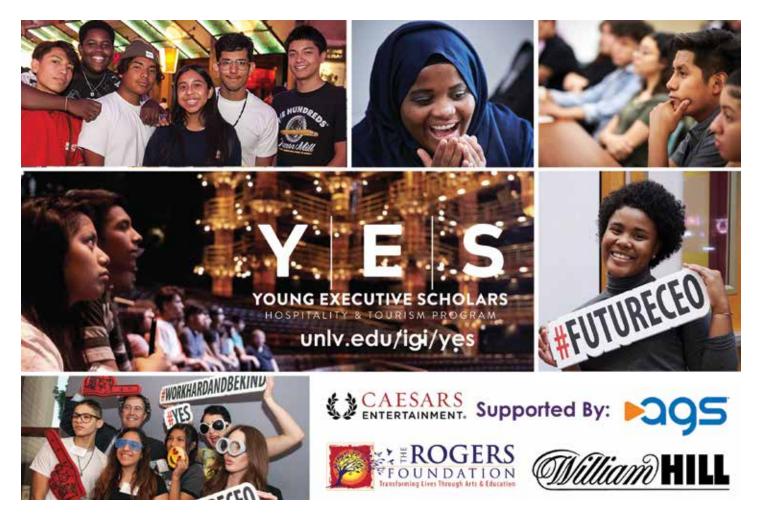
# Improving Responsible Gaming Programs Using 15 Years of Responsible Gaming Data

Carl Braunlich, University of Nevada, Las Vegas; Heather Monteiro, Hickory Ridge Group, LLC; Jennifer Shatley, Logan Avenue Consulting, LLC; Dean Hestermann, Caesars Entertainment

# The Conceptual Framework of Harmful Gambling: A Revised Framework for Understanding Gambling Harm

Margo Hilbrecht and David Baxter, Gambling Research Exchange Ontario, Canada

# THURSDAY



#### 3:30 pm - 4:55 pm

Session 3-4-C (CLE)

Florentine IV

# Legal Discussions – UNLV Law

Moderator: Tony Cabot, University of Nevada, Las Vegas

**Compliance of Land-based Casinos in France with National Competition Law** *Justine Cavaciuti, University of Nevada, Las Vegas* 

## It's Time to Put All the Cards on the Table: An Exploration of the World of Trading Card Games

David Stern, University of Nevada, Las Vegas

**Who Really Got a Bad Break? A Critical Analysis of The Bahamas': Gaming Act No. 40 of 2014 and the Treatment of "Bad Actors" Thereunder** *Crystal Corbett Knowles, University of Nevada, Las Vegas* 

3:30 pm – 4:55 pm

# Session 3-4-E 🚯

Florentine I

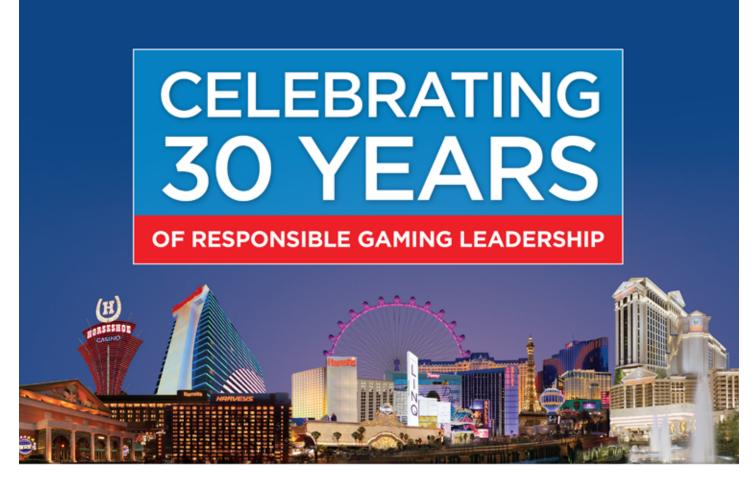
# The Nevada Problem Gambling Court Mock Trial

Moderator: Judge Cheryl Moss, District Court, Family Division, State of Nevada

I. Nelson Rose, Whittier Law School; Carol O'Hare, Nevada Council on Problem Gambling; Dayvid Figler, Figler Law Group; Sydney Smith, RISE Center for Recovery; Stephanie Hui, Eighth Judicial Court of Clark County



THURSDAY



Caesars Entertainment pioneered the casino entertainment industry's first responsible gaming efforts. Caesars Entertainment continues to be the casino industry's chief advocate for promoting responsible gaming.

FIRST to recognize and operationally address problem gambling

FIRST to offer nationwide self-exclusion and self-restriction programs

FIRST to broadcast local and national responsible gaming messages

**FIRST** to establish first national toll-free helpline in a partnership with National Council on Problem Gambling

**FIRST** in the industry to develop and implement the Responsible Gaming Ambassador Program, an employee initiative that addresses problem gambling

#### Looking forward to 30 more years of supporting responsible gaming!







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