The 15th International Conference on Gambling & Risk Taking



The world's first and finest gambling conference.

May 27-31, 2013 Caesars Palace, Las Vegas



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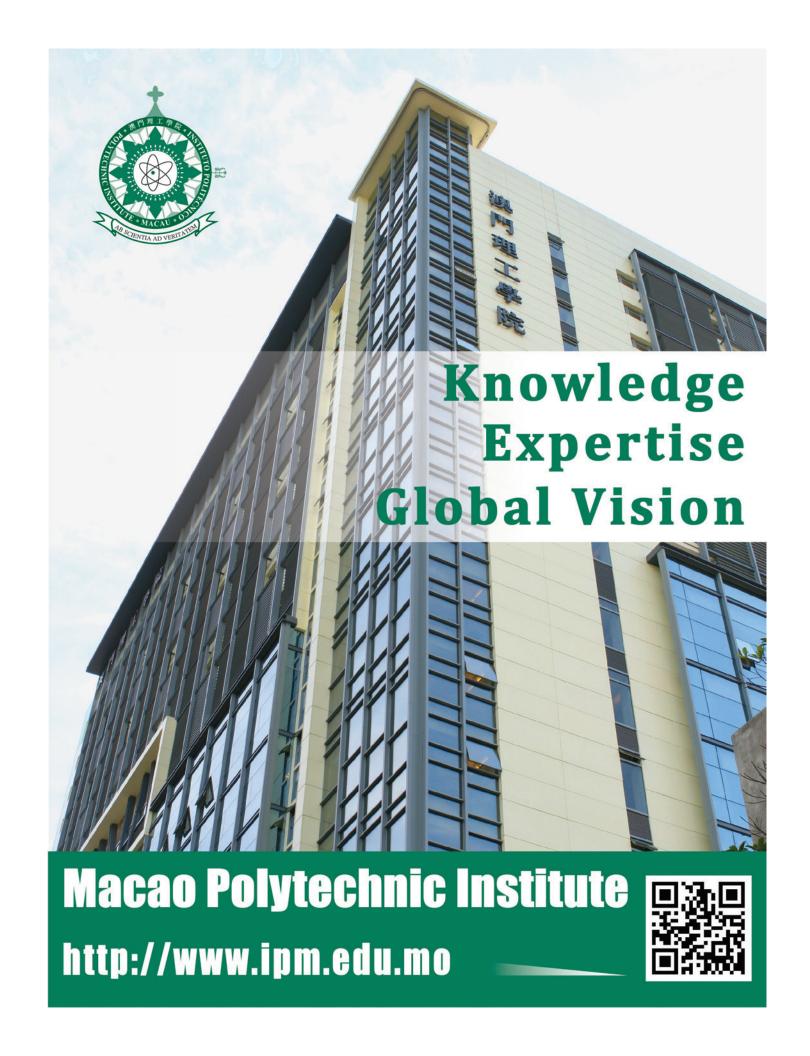




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IGT is a proud sponsor of the 15th International Conference on Gambling and Risk Taking. We look forward to working with our peers to strengthen the gaming industry.





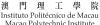
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Acknowledgements:

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

In particular, we wish to acknowledge the important contributions of the following people:

Program Co-Chairs:

William R. Eadington Bo J. Bernhard David G. Schwartz

Conference Organizing Committee:

Brett Abarbanel
Bo J. Bernhard
Robyn Hadden
Darren Heyman
Katherine Jackson
Nakia Jackson-Hale
Kristin Malek
Cheryl Olson
David G. Schwartz

From Caesars Palace:

Jan Jones Karlos LaSane

And an extra special thank you to Judy Cornelius, who always answered our questions even after her retirement!

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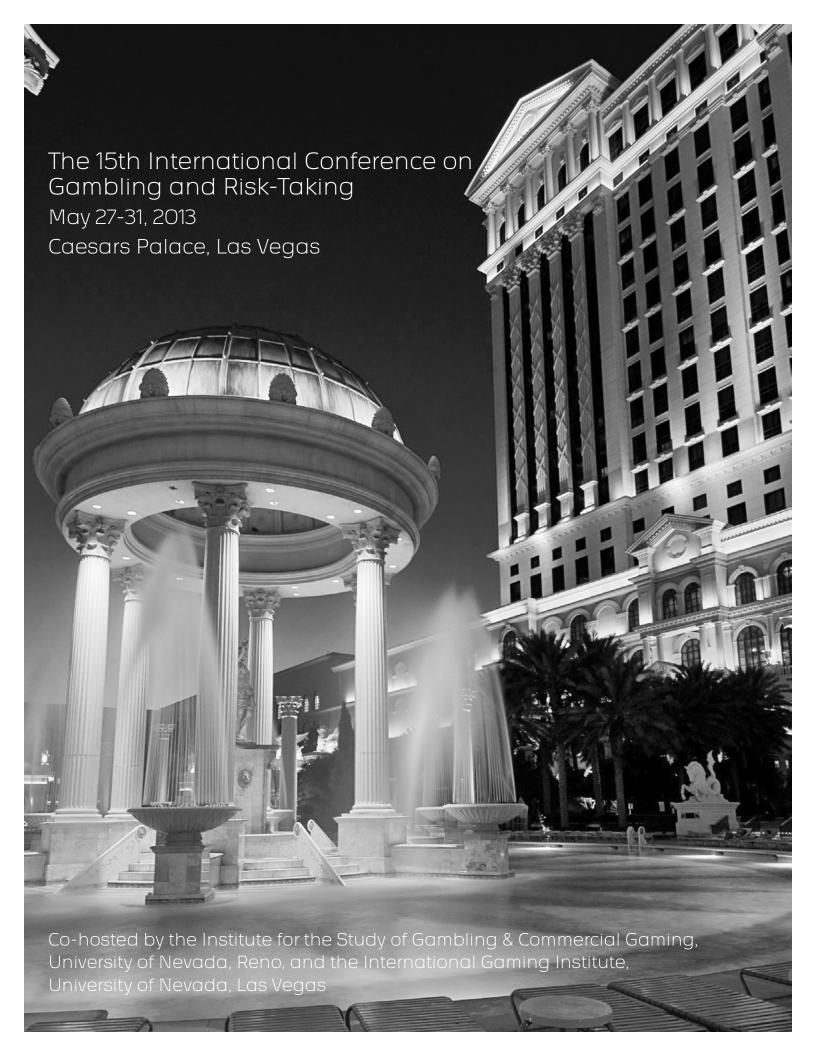
Turning Technologies

Continuing Education Units and Continuing Legal Education

Sycuan Institute on Tribal Gaming, California
The Finnish Foundation for Gaming Research

Selected sessions will be available for CEUs and CLEs. Please check at the registration desk for further details.







Monday, May 27

7:30 pm – 9:00 pm

Opening Reception

Temple Pool

Tuesday, May 28

7:30 am - 8:30 am

Continental Breakfast

Promenade Lobby

8:30 am - 10:00 am

Opening Plenary

Roman Ballroom

Conference Introduction

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

Opening Keynote: On Gambling and Morality

Peter Collins, South African Responsible Gambling Foundation and The University of Oxford

10:00 am - 10:30 am

Morning Break and Book Author Showcase

Book authors will be standing by their book displays in the Roman Ballroom for questions and commentary.

Session 1-2-A

Pompeian I

Problem Gambling and Treatment I

Moderator: Joanna Franklin, University of Maryland, Baltimore

What Are We Doing? A Radical Look at Problem Gambling Treatment to Date and Prospects for the Future

Malcolm Bruce, Gambling Integrity Services, United Kingdom; Alex Blaszczynski, University of Sydney, Australia; John Mellor-Clark, CORE IMS, United Kingdom; and Robert Murray, Problem Gambling Institute of Ontario and Centre for Addiction and Mental Health, Canada

Building, Maintaining and Evaluating a Statewide Treatment Program for Problem Gambling

Timothy W. Fong, University of California, Los Angeles; Terri Sue Canale, California Office of Problem Gambling; and Michael Campos, University of California, Los Angeles

Which Works Better for Problem Gamblers: Residential or Intensive Outpatient Treatment? An Evaluative Look at Outcomes from Two Different Programs

Reece Middleton, Louisiana Association on Compulsive Gambling

10:30 am - 12:00 pm

Session 1-2-B PANEL SESSION

Pompeian II

Bricks and Mortar and I-gaming: Who Wins?

Moderator: Joshua Smith, Colliers International Gaming Group

Jeff Silver, Gordon Silver, Nevada Mark Lipparelli, Former Chair, Nevada Gaming Control Board Michael Leven, CEO, Las Vegas Sands Tom Breitling, CEO, Ultimate Gaming, Nevada Jon Porter, CEO, Porter Gordon Silver, Washington DC

10:30 am - 12:00 pm

Session 1-2-C

Pompeian III

Cognitions, Superstitions, and Gambling Behavior

Moderator: Michael Wohl, Carleton University, Canada

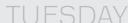
How Lucky Wins and Traumatic Losses Influence Poker Player Performance Kyle Siler, McMaster University, Canada

Learning to Gamble: Experiences of Finnish Casual Gamblers

Riitta Matilainen and Pauliina Raento, The Finnish Foundation for Gaming Research and University of Helsinki, Finland

Gambling Motivations and Superstitious Beliefs among South Korean Casino Customers

Jungsun (Sunny) Kim, University of Nevada, Las Vegas; Mikael B. Ahlgren, Pennsylvania State University; and Jeoung Woo Byun, Kyung Hee University, South Korea



Session 1-2-D

Florentine I

Jurisdictional Studies in Responsible Gambling

Moderator: Connie Jones, International Game Technology, Nevada

Walking the RG Walk: Ontario's Collaborative, Skills-based Approach to Responsible Gambling Training

Janine Robinson, Problem Gambling Institute of Ontario, Canada

Casino Gambling in Modern Society: The Case of Finland

Johanna Järvinen-Tassopoulos, THL (National Institute for Health and Welfare), Finland

Twenty-plus Years of Responsible Gaming Programs in Europe

Pieter Remmers, Assissa Consultancy Europe, the Netherlands

10:30 am - 12:00 pm

Session 1-2-E

Florentine II

Research on Casino Performance

Moderator: Anthony F. Lucas, University of Nevada, Las Vegas

The Indirect Contribution of Non-gaming Amenities to Casino Gaming Performance

Elena Shampaner-Ghiassi, Pinnacle Entertainment, and Sarah Tanford, University of Nevada, Las Vegas

Evaluating the Impact of a New Casino Loyalty Program on Gaming Volume *Ji Hye Min, Carola Raab, and Sarah Tanford, University of Nevada, Las Vegas*

Evaluating the Relationship between Convention Business and Gaming Performance of Las Vegas Strip Casinos

Kristin Malek and Sarah Tanford, University of Nevada, Las Vegas

10:30 am - 12:00 pm

Session 1-2-F

Florentine III

Risk, Rationality, and Investment

Moderator: Douglas Walker, College of Charleston

Sports as an Alternative Asset Class: Gambling as Investment

Brendan Poots, Priomha Capital, Melbourne, Australia

Rationality and Risk Intelligence in Binary Betting

Aaron C. Brown, Nick Maughan, and Raphael Di Guisto, AQR Capital Management, Connecticut

Rational Bubbles

Aaron C. Brown, AQR Capital Management, Connecticut



WELCOMES

the 15th Annual International Conference on Gaming & Risk Taking.

We would also like to remember the late, great **Dr. Bill Eadington**, whose indelible impact on the gaming industry will never be forgotten.

His legacy lives on.





Las Vegas Sands Corp. is proud to sponsor the 15th International Conference on Gambling and Risk Taking







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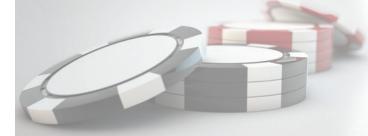
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PROUD SUPPORTER OF
THE INTERNATIONAL CONFERENCE ON GAMBLING AND RISK TAKING











12:15 pm – 1:45 pm

Luncheon

Roman Ballroom

KEYNOTE ADDRESS

Unveiling the DSM-V Criteria for Pathological Gambling

Marc Potenza, Yale School of Medicine

2:00 pm - 3:30 pm

Session 1-3-A

Pompeian I

Online Gambling: Evolving Policies, Promises, and Problems

Moderator: Sally Gainsbury, Southern Cross University

Tribal Online Gaming: A Legislative, Political, and Policy Update

Kathryn R.L. Rand and Stephen Light, Institute for the Study of Tribal Gaming Law and Policy, University of North Dakota

Comparison of Online Poker Players' Behaviors, Perceptions and Emotions According to the Degree of Their NODS Score

Serge Sevigny, Priscilla Brochu, Isabelle Giroux, and Julie Dufour, Laval University, Quebec, Canada

An Empirical Analysis of How Online Gambling Participation Impacts **Problem Gambling Severity**

Kahlil S. Philander, University of Nevada, Las Vegas; and Terri-Lynn MacKay, Alberta Health Services, Canada

2:00 pm - 3:30 pm

Session 1-3-B PANEL SESSION

Pompeian II

The Everyday Lives of World Series of Poker Players

Seth Palansky, World Series of Poker, and selected WSOP participants

2:00 pm - 3:30 pm

Session 1-3-C

Pompeian III

Responsible Gambling and New Technologies

Moderator: Pieter Remmers, Assissa Consultancy Europe, the Netherlands

Behavioral Tracking in Gambling: New Empirical Data and the Development of a New Social Responsibility Tool

Mark Griffiths and Michael Auer, Nottingham Trent University, United Kingdom

Can a Machine Change Human Behavior?

Andreas Holmström, Playscan, Sweden

The Human Touch and the Technological Age: Advancing Responsible Gambling, by Virtually Any Means

Janine Robinson, Problem Gambling Institute of Ontario, Canada

2:00 pm - 3:30 pm

Session 1-3-D

Florentine I

Gaming Operations Analysis

Moderator: Sarah Tanford, University of Nevada, Las Vegas

What Is the Correct Value for Analyzing Comps?

Wendell M. Long, Little River Casino Resort, Michigan

Using Simulations to Better Appreciate Game Outcomes: Implications for **Bet Minimums and Maximums**

Mark T. Spence and Sudhir Kale, Bond University, Australia

Using a CHAID Decision Tree Model to Predict Cruise Passengers' Casino Gaming Propensity

Eunju Suh and Matt Alhaery, Florida International University

2:00 pm - 3:30 pm

Session 1-3-E **Lottery Studies**

Florentine II

Moderator: Paul W. Smith, British Columbia Lottery Corporation, Canada

State Lotteries, Commercial Casinos, and Public Finance: 2013 Update

Jeff Dense, Eastern Oregon University

The United Kingdom's National Lottery: 20 Years' Experience with a "New" Gambling Product

Stephen Creigh-Tyte, University of Durham, United Kingdom

Hitting the Sweet Spot: Lottery Promotion and Vulnerability

Elisabeth Papineau, Québec National Institute of Public Health, Canada; Jean-François Biron, Agence de la santé et des services sociaux de Montréal, Canada; and Fanny Lemétayer and Amadou Barry, Québec National Institute of Public Health, Canada

2:00 pm - 3:30 pm

Session 1-3-F

Florentine III

Prospective Longitudinal Gambling Studies:

Review and New Findings Part I

Moderator: Rachel Volberg, Gemini Research

New Zealand Prospective Research: The Pacific Islands Families Study, Treatment Outcome Study and National Gambling Study

Max Abbott, Auckland University of Technology, New Zealand

Identifying and Predicting Risk Results from a Four Year Longitudinal Study in Victoria, Australia

Rosa Billi, Victorian Responsible Gambling Foundation, Australia

The Alberta Cohorts of Gambling Behaviors: An Update

Nady el-Guebaly, University of Calgary, Alberta, Canada

3:30 pm - 4:00 pm

Afternoon Break and Book Author Showcase

Book authors will be standing by their book displays in the Roman Ballroom for questions and commentary.

4:00 pm - 5:30 pm

Session 1-4-A

Pompeian I

Prospective Longitudinal Gambling Studies:

Review and New Findings Part II

Moderator: Rachel Volberg, Gemini Research

Pathways of Gambling Problem Severity: Follow-up from a Quebec General **Population Survey**

Sylvia Kairouz and Christelle Luce, Concordia University, Canada; and Louise Nadeau, Universite de Montreal, Canada

Results from the Swedish Longitudinal Gambling Study (Swelogs): Changes between 1998, 2009, and 2010

Ula Romild and Jessika Svensson, Swedish National Institute for Public Health

Comparing Longitudinal Studies of Gambling: Methods and Findings

Rachel Volberg, Gemini Research, Massachusetts

4:00 pm - 5:30 pm

Session 1-4-B

Pompeian II

Gaming Expansion and Casino Policy

Moderator: Kahlil S. Philander, University of Nevada, Las Vegas

A New Casino: Opportunity or Threat? Perspectives from Finland

Jenni-Emilia Ronkainen, Finnish National Institute for Health and Welfare

Legalization as a Tool to Control Unwanted Activities: The Cases of Casino Policy and Cannabis Policy in the Netherlands

William Thompson, University of Nevada, Las Vegas, and Laura K. Thompson, Syracuse University

Gambling Expansion in Ontario, Canada

James Cosgrave, Trent University, Canada

4:00 pm - 5:30 pm

Session 1-4-C

Studies in Populations

Moderator: Sudhir Kale, Bond University, Australia

Gambling in the Correctional System in Ontario

Nigel E. Turner, Centre for Addiction and Mental Health, Ontario, Canada

Gambler Motivations and Behavioral Patterns: A Study Inside Grand River Casino

Karen Finlay-Gough, University of Guelph, Ontario, Canada

Gambling Behavior and Motivation across UK Older Adult Populations

Julie Pattinson and Adrian Parke, University of Lincoln, United Kingdom

4:00 pm - 5:30 pm

Session 1-4-D
PANEL SESSION

Florentine I

Pompeian III

Leading Together: The Evolution of Responsible Gambling

in Canada

Moderator: Paul Burns, Canadian Gaming Association

Paul Pellizzari, Ontario Lottery and Gaming, Canada Paul W. Smith, British Columbia Lottery Corporation, Canada Jim Engel, Saskatchewan Liquor and Gaming, Canada

4:00 pm - 5:30 pm

Session 1-4-E

Florentine II

Gaming Market Concentration

Moderator: Toni Repetti, University of Nevada, Las Vegas

Industrial Concentration and Gambling Regulation: A Discussion of the Impact of Regulatory Leverage in Concentrated Casino Markets

Richard Schuetz, Lloyd Carter and Tiffany Conklin, California Gambling Control Commission

Concentration on the Las Vegas Strip

David G. Schwartz, University of Nevada, Las Vegas

Market Concentration and Hotel Room Prices in Las Vegas

Douglas M. Walker, College of Charleston, South Carolina

4:00 pm - 5:30 pm

Session 1-4-F

Florentine III

Successes and Challenges in Gaming Markets

Moderator: Katherine Spilde, San Diego State University, California

Slots and the Mature Market Hypothesis: Implications for Public Policy

Rohan Miller, The University of Sydney, Australia; and Gwyneth V.J. Howell, University of Western Sydney, Australia

Growing Our Own: A Tribal Development Success Story

Marcus A. Diaz, Sol Casinos, Arizona; and Wendell Long, Little River Casino Resort, Michigan

Canadian Prairie Aboriginal Attitudes about Gambling and First Nations Casinos

Yale D. Belanger, University of Lethbridge, Alberta, Canada

4:00 pm - 5:30 pm

Session 1-4-G PANEL SESSION

Florentine IV

Moderator: Brett Abarbanel, University of Nevada, Las Vegas

The MIT Card Counting Team: Reflections 15 Years Later

Andy Bloch, Mike Aponte, and Guests via YouTube

6:30 pm

The 2013 ICGRT Panel of Centers

Capri

Center Directors (or designated representatives) will meet for a special discussion panel to promote increased communication and collaboration.

Wednesday, May 29

7:30 am - 8:30 am

Continental Breakfast

Promenade Lobby

8:30 am - 10:00 am

Session 2-1-A **Problem Gambling Longitudinal Studies**

Pompeian I

Moderator: Heather Wardle, National Centre for Social Research, United Kingdom

Longitudinal Outcomes for Clients Treated for Problematic Gambling through the Statewide Gambling Therapy Service (SGTS) in South Australia

Peter W. Harvey and Rachel Humeniuk, Flinders University, Australia

A Longitudinal Study of Electronic Machine Gamblers in Alberta

Garry Smith, University of Alberta, Canada; Nady el-Guebaly, Alberta Gambling Research Institute, Canada; David Casey, Alberta Gambling Research Institute, Canada; David Hodgins, University of Calgary, Canada; Rob Williams, University of Lethbridge, Canada; and Don Schopflocher, University of Alberta, Canada

Close Significant Others to Problem Gamblers - Findings from a Swedish **Population Study**

Jessika Svensson, Swedish National Institute of Public Health

8:30 am - 10:00 am

Session 2-1-B

Pompeian II

The Gaming Industry in Africa

Moderator: Don Ross, University of Cape Town

Gambling Regulators of Africa: Lessons and Challenges

Linda E. De Vries, University of Western Cape, South Africa

Responsible Gaming in South Africa

Adele Pretorius, Heidi Sinclaire, and Nana Magomola, South African Responsible Gambling Trust

A Mandate for Business Leadership: The Case of Regulated Gambling in South Africa

Linda E. De Vries, University of Western Cape, South Africa

8:30 am - 10:00 am

Session 2-1-C PANEL SESSION

Pompeian III

The Gambling Brain

Moderator: Richard Rosenthal, University of California, Los Angeles

Ruth J. van Holst, Donders Centre for Cognitive Neuroimaging, United Kingdom; Luke Clark, University of Cambridge, United Kingdom; Wendy Slutske, University of Missouri-Columbia; and Martin Zack, University of Toronto, Canada

8:30 am - 10:00 am

Session 2-1-D

PANEL SESSION

The Eadington Papers: Research Impacts on the Modern Gaming

Business

Moderator: Andrew MacDonald, Marina Bay Sands

Eugene Christiansen, Christiansen Capital Advisors

8:30 am - 10:00 am

Session 2-1-E
Betting Markets

Florentine II

Florentine I

Moderator: Leighton Vaughn Williams, Nottingham Trent University

Toward an Understanding of Price Movements in Betting Markets: Profitable Trading Against the Herd

Johnnie E.V. Johnson, Ming-Chien Sung, and David McDonald, Centre for Risk Research, University of Southampton, United Kingdom

Betting Market Efficiency Implications of Different Structures: Bookmakers Versus Exchanges

David C.J. McDonald, Johnnie E.V. Johnson, and Ming-Chien Sung, Centre for Risk Research, University of Southampton, United Kingdom

Incorporating Over-round into In-play Markov Chain Models in Tennis *Elsuida Kondo and Anthony Bedford, RMIT University, Australia*

10:00 am - 10:30 am

Mid-morning Break and Poster Sessions

Poster sessions will be held in the Roman Ballroom

FEATURED POSTERS:

Revenue Management for Table Games

Daryl Boykin and Ashok K. Singh, University of Nevada, Las Vegas

Irrational Beliefs as a Mediator of Gambling Problems for Passive Versus Active Gambling Activities

Michael Ellery, Chad Graves, Ryan Nicholson, and Lana D. Jakilazek, University of Manitoba, Canada

Comorbidity Among Pathological Gamblers Seeking Treatment

Daniela Gonzalez, Sicilia Fernandez, and Louise Nadeau, Université de Montréal, Canada

Social Problems and Welfare Services Related to Problem Gambling

Maria Heiskanen, University of Helsinki, Finland

Effects of Sports Betting on U.S. Television Viewership

Darren Heyman, University of Nevada, Las Vegas

From Dreams to Despair, from Transgression to Addiction: The Ambivalent Images of Las Vegas in Popular Music

Matias Karekallas, University of Helsinki, Finland

Brain Responses to Wins and Near-misses on a Simplified Slot Machine Task Eve H. Limbrick-Oldfield, Mike R. Aitken, and Luke Clark, University of Cambridge, United Kingdom

Gambling Responsibly: Messages Designed with Human-Computer **Interaction Principles Increase Monetary Limit Adherence**

Kristen Mitchell, Hyoun (Andrew) Kim, Michael J.A. Wohl, and Avi Parush, Carleton University, Canada

Networking After Hours: An Empirical Study of Las Vegas Conference and **Convention Attendees**

Chrissy Nicholas, University of Nevada, Las Vegas

Emotions, Decision-making, and Poker Playing Experience

Jussi Palomäki, University of Helsinki, Finland

A Comparitive Analysis of Research on Slot Machines and Video Games

Daniel Sahl, University of Nevada, Las Vegas

Gambling Behavior and Perceptions of Gambling in Finland

Anne Salonen, Sari Castren, Tuuli Lahti, Susanna Raisamo, and Hannu Alho, National Institute for Health and Welfare, Finland

Psychophysiological Responses to Gambling Cues in Pathological Gamblers

Stephen P. Sharman and Eve Limbrick-Oldfield, University of Cambridge, United Kingdom; Henrietta Bowden-Jones and Neil Smith, London National Problem Gambling Clinic, United Kingdom; and Luke Clark, University of Cambridge, United Kingdom

Family Gambling and Its Connection to Intergenerational Family Relationship Building

Melissa M. Sleightholm and Joan E. Norris, Wilfrid Laurier University, Canada; and Joseph Tindale, University of Guelph, Canada

Application of the Theory of Planned Behavior within School-based **Prevention Programs for Adolescent Gambling**

Renee A. St-Pierre, Jeffrey L. Derevensky and Rina Gupta, McGill University, Canada; and Caroline Temcheff, Université de Sherbrooke, Canada

Survey of Internet Users' Intentions about Gambling on a Legalized Online **Gambling Site**

Émilie Vézina, Serge Sévigny and Christian Jacques, Université Laval, Canada; Isabelle Beaudoin, Université du Québec, Canada; and Isabelle Giroux, Université Laval, Canada

Session 2-2-A

Problem Gambling and Treatment II

Moderator: Timothy Fong, University of California, Los Angeles

Effectiveness of Brief Interventions for Problem Gambling: A Randomized Controlled Trial

Max Abbott, Auckland University of Technology, New Zealand

Catching Those Who Fall: A Look at the State Response to Problem Gambling

Mark Vander Linden, Iowa Department of Public Health

Stages of Change, Clinical Presentation, Retention, and Treatment Outcomes in Outpatient Problem Gambling Clients

Adam Soberay, Paul Grimsley, J. Michael Faragher, Melissa Barbash, and Ben Berger, University of Denver, Colorado

10:30 am - 12:00 pm

Session 2-2-B

Pompeian II

Pompeian I

Policy and Regulation in Macau

Moderator: Carl Braunlich, University of Nevada, Las Vegas

A Contextual Study and Literature Review of Macau's Transforming Cultural Economy: Casinos in the Context of Corporate Governance

Xiao Fu, Durham University Business School, United Kingdom

Licensing Gaming Junket Promoters: The Dilemma of Macau Regulators

Changbin Wang, Macao Polytechnic Institute

The Future of Casino Concessions and Sub-concessions in Macau

Jorge Godinho, University of Macau

10:30 am - 12:00 pm

Session 2-2-C PANEL SESSION

Pompeian III

Perspectives on Adolescent Risky Behaviors: Is Adolescent Gambling Perceived to be an Important Issue?

Moderator: Sally Gainsbury, Southern Cross University, Australia

Jeffrey L. Derevensky, McGill University, Canada Rina Gupta, McGill University, Canada Caroline Temcheff, Université de Sherbrooke, Canada

Session 2-2-D
PANEL SESSION

Florentine I

Social and Economic Impacts of Tribal Government Gaming on Tribal and Non-Tribal Communities: An Analysis of the First 25 Years of the Indian Gaming Regulatory Act (IGRA)

Moderator: Katherine Spilde, Sycuan Institute on Tribal Gaming at San Diego State University, California

Randall Akee, University of California, Los Angeles; Jonathan Taylor, Taylor Policy Group, Florida; John Bodinger, Susquehanna University, Pennsylvania; Melissa Biggs, University of Texas at Austin; Ted Gordon, University of California, Riverside; Paul Gelles, Santa Ynez Band of Chumash, California; and Gary Robinson, Tribal Eye Productions, California

10:30 am - 12:00 pm

Session 2-2-E

Florentine II

Gaming Management in Macau

Moderator: Pieter Remmers, Assissa Consultancy Europe, the Netherlands

Growth Trends in Macau's Gaming Industry: A Scenario Analysis *Zhonglu Zeng, Macao Polytechnic Institute*

Slots Are to Las Vegas as Baccarat Is to Macau: A Game Analysis Arthur Sai-Wai Wong, Macao Polytechnic Institute

Four Steps to Managing Patrons in Casinos in Macau Carlos Siu Lam, Macao Polytechnic Institute

Strategic Gaming Destination Planning: The Case of Macau Li Sheng, Macao Polytechnic Institute

10:30 am - 12:00 pm

Session 2-2-F

Florentine III

Forecasting

Moderator: Ashok K. Singh, University of Nevada, Las Vegas

Effects of the Reference Point in Gambling: Evidence from Individual Level Online Horse Race Betting Accounts

Niko Suhonen, University of Eastern Finland

Forecasting MLB, NBA and NFL Game Outcomes

William S. Mallios and R.R. Mallios, Mallios Associates, California

Combining Forecasts to Predict the Outcome of Horse Races

Ming-Chien Sung, Johnnie E.V. Johnson, and Tiejun Ma, University of Southampton, United Kingdom; and Stefan Lessmann, University of Hamburg, Germany

Predicting Horse Race Winners through a Regularized Conditional Logistic Regression with Frailty

Noah Silverman, University of California, Los Angeles

12:15 pm - 1:45 pm

Lunch

Roman Ballroom LUNCH KEYNOTE: Media and the Global Sports Gaming Industry

Chad Millman, ESPN

2:00 pm - 3:30 pm

Session 2-3-A

Pompeian I

Identification and Prediction through Research

Moderator: Ingo Fiedler, University of Hamburg

Validating the Focal Adult Gambling Screen (FLAGS General)

Tony Schellinck and Tracy Schrans, Focal Research Consultants, Canada; Heather Schellinck, Dalhousie University, Canada; and Michael Bliemel, Dalhousie University,

Canada

Distinguishing between Pathological and Non-pathological Gamblers by **Analyzing Playing Behavior**

Ann-Christin Wilcke, University of Hamburg, Germany

Considerations for Implementing Self-Assessment in Online Gambling **Platforms**

Michelle Nogueira, Sylvie Smith, and Chris Perlman, Homewood Health Centre, Ontario, Canada

2:00 pm - 3:30 pm

Session 2-3-B SPECIAL SESSION

Pompeian II

Social Gaming: A Mock Trial on a Cutting Edge Issue

Participants for the Prosecution and the Defense:

Robert Melendres, International Game Technology, Nevada I. Nelson Rose, Whittier Law School, California Rob Hunter, Problem Gambling Center, Nevada Sally Gainsbury, Southern Cross University, Canada Jeffrey Derevensky, McGill University, Canada Mitch Kamin, Bird Marella, California Malcolm Bruce, Gambling Integrity Services, United Kingdom

2:00 pm - 3:30 pm

Session 2-3-C

Adolescent Gambling Experiences

Moderator: Rina Gupta, McGill University

Adolescent Slot Machine Players: Experiences, Motivation, and Cognitive Distortions

Neven Ricijaš, Dora Dodig, Valentina Kranželić, and Aleksandra Huić, University of Zagreb, Croatia

How Adolescents Differentiate True Gambling from Social Gaming: Findings from a Qualitative Study of 17 Year Old Pupils from London Secondary Schools

Margaret Carran, City University London, United Kingdom

Sports Betting among Adolescents in Croatia: From Favorable Environment to Psychosocial Consequences

Dora Dodig, Neven Ricijaš, Valentina Kranželić, and Aleksandra Huić, University of Zagreb, Croatia

2:00 pm - 3:30 pm

Session 2-3-D

Florentine I

Pompeian III

Media Portrayals of Gambling and the Gaming Industry

Moderator: Brett Abarbanel, University of Nevada, Las Vegas

Online and Offline Media in Online and Offline Gaming Industries
Tom Breitling, Ultimate Gaming, Nevada

All In – and More: Gambling in James Bond Movies

Pauliina Raento, The Finnish Foundation for Gaming Research

First Nations Gaming in Saskatchewan: Culture, Addiction, and Media Joanne K. Goodpipe and Shannon Avison, First Nations University of Canada

2:00 pm - 3:30 pm

Session 2-3-E

Florentine II

Asia Gaming Market and Policy Analyses

Moderator: Jungsun (Sunny) Kim, University of Nevada, Las Vegas

Do Racinos Really Work? A Macau Case Study

Shuang Liu, Macao Polytechnic Institute

Taiwan: Comparisons with Casino Development in the United States

Kathryn Hashimoto, Su-Ching Huang, and George G. Fenich, East Carolina University

An Analysis of AHP on Investment Project Evaluation: A Case Study of the Matsu Integrated Resort

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

Integrated Resort and Casino Law in an Asset-inflated Japanese Economy Sasaki Kazuaki, Nihon University, Japan

2:00 pm - 3:30 pm

Session 2-3-F

Gaming and Mathematics

Moderator: Robert Hannum, University of Denver, Colorado

Casino Games and the Central Limit Theorem

Ashok K. Singh, Anthony F. Lucas, Dennis Murphy, and Rohan J. Dalpatadu, University of Nevada, Las Vegas

A Mathematical Analysis of Bingo Poker

George Cochran, Louisiana State University

Gaming Applications of a Forgotten Distribution

Rohan J. Dalpatadu and Ashok K. Singh, University of Nevada, Las Vegas

2:00 pm - 3:30 pm

Session 2-3-G

Florentine IV

Florentine III

The Curious Connections between Hunger and Gambling

Moderator: Darren Heyman, University of Nevada, Las Vegas

Starving to Gamble: Hunger and Gambling-related Craving Interact to Heighten Persistent Play among Problem Gamblers

Travis Sztainert, Michael Wohl, and Alfonso Abizaid, Carleton University, Canada

The Consumption Screen for Problem Gambling (CSPG): Why a Penchant for Big Macs May Predict Appetites for Gambling

Matthew Rockloff and Matthew Browne, Central Queensland University, Australia

3:30 pm - 4:00 pm

Mid-afternoon Break and Poster Sessions

Poster sessions will be held in the Roman Ballroom

4:00 pm - 5:30 pm

Session 2-4-A
SPECIAL SESSION

Pompeian I

The Pathways Model Panel: New Research

Exploring the Pathways Model Subtypes in a Nationally-Representative U.S. Sample

Lia Nower, Rutgers University, New Jersey; and Silvia S. Martins, King-Han Lin, and Carlos Blanco, Columbia University, New York

4:00 pm - 5:30 pm

Session 2-4-B

Pompeian II

Intellectual Capital and the Global Gaming Industry

Moderator: Bo J. Bernhard, University of Nevada, Las Vegas

A Tale of Two Industry Cities: Is Las Vegas the Houston of the Gaming Industry?

Bo J. Bernhard, University of Nevada, Las Vegas

Intellectual Capital and the Global Gaming Industry

Mikael B. Ahlgren, Pennsylvania State University

The "Boomerang Effect:" How Asian Gaming Boomerangs to Las Vegas

Jonathan Galaviz, Galaviz & Company, Nevada and Singapore

4:00 pm - 5:30 pm

Session 2-4-C

Pompeian III

Adolescent Gambling

Moderator: Carol O' Hare, Nevada Council on Problem Gambling

Positive Affect as Moderator of the Association of Self-control and Social Support with Gambling and Other Risk Behaviors Among Adolescents

Belle Gavriel-Fried and Tammie Ronen, Tel Aviv University, Israel

Addressing the Related Epidemics of Financial/Mathematical Illiteracy and **Adolescent Problem Gambling**

William S. Mallios and R.R. Mallios, Mallios Associates, California

4:00 pm - 5:30 pm

Session 2-4-D

Florentine I

Responsible Gaming and Technology

Moderator: Malcolm Bruce, Gambling Integrity Services, Ltd.

The Blue Gum Project: An Evaluation of Responsible Gaming Machine **Features**

Alex Blaszczynski, University of Sydney, Australia; and Sally Gainsbury, Southern Cross University, Australia

New Educational Tools for Gambling Machine Players

Nigel E. Turner, Centre for Addiction and Mental Health, Ontario, Canada

Risk Seeking Behavior in Losses in Online Gambling

Jani Saastamoinen, University of Eastern Finland

4:00 pm - 5:30 pm

Session 2-4-E

Finance and the Gaming Industry

Moderator: Sarah Tanford, University of Nevada, Las Vegas

Financial Evaluation Commonalities and Distinctions Expressed by 10-Ks with Two Libertarian Hospitality Segments: Casino Gaming and Gentlemen's Clubs

David Paster, Oklahoma State University

Adjusting Payroll with Changes in Business Volumes in Nevada Gaming Properties

Toni Repetti and Michael C. Dalbor, University of Nevada, Las Vegas

Gravity Models: The Concept and Its Utilization in the Casino Gaming Industry

Clyde W. Barrow and David R. Borges, University of Massachusetts, Dartmouth

4:00 pm - 5:30 pm

Session 2-4-F Sports Gambling

Moderator: David Briggs, GeoComply

Inefficient Pricing from Holdover Bias in NFL Point Spread Markets *Andy Fodor, Ohio University; and Kevin Krieger, University of West Florida*

Sports Gambling: The Final Frontier for Legalized Gambling?

Richard A. McGowan, Boston College, Massachusetts; and John F. Mahon, University of Maine

The Trials and Tribulations of Legalized Sports Gambling in Canada Garry J. Smith, University of Alberta, Canada

4:00 pm - 5:30 pm

Session 2-4-G

Florentine IV

Florentine III

Florentine II

"Big Data" and Longitudinal Studies of Gambling Behaviors

Moderator: Don Feeney, Minnesota State Lottery

Gambling Careers: A Longitudinal, Qualitative Study of Gambling Behavior Jane Kerr, National Centre for Social Research, United Kingdom

The Minnesota Gambling Survey at 20

Brian Malecha, Todd Maki, and Don Feeney, Minnesota State Lottery

Gambling Segmentation Studies

Paul Lauzon, Ipsos-Reid, Canada; and Don Feeney, Minnesota State Lottery

WEDNESDAY

Thursday, May 30

7:30 am - 8:30 am

Continental Breakfast

Promenade Lobby

8:30 am - 10:00 am

Session 3-1-A
Patterns in Problem Gambling

Pompeian I

Moderator: Reece Middleton, Louisiana Association on Compulsive Gambling

Effects of Cognitive Load on Reckless Gambling Behavior

Takuhiro Takada and Shintaro Yukawa, University of Tsukuba, Japan

Disordered Gambling in Residential Substance Use Disordered Treatment Centers: An Unmet Need

Jeffrey Marotta, Problem Gambling Solutions, Oregon; and Eleanor Leavens and Jeremiah Weinstock, Saint Louis University, Missouri

The Web of Deceit: The Management of Problem Gambling in Everyday Life

Jane Kerr, National Centre for Social Research, United Kingdom; Gerda Reith, University of Glasgow, United Kingdom; Fiona Dobbie, University of Stirling, United Kingdom; Simon Anderson, ScotCen Social Research, United Kingdom; and Heather Wardle, National Centre for Social Research, United Kingdom

8:30 am - 10:00 am

Session 3-1-B

Pompeian II

Crime and Gambling

Moderator: Peter Bernhard, Nevada Gaming Commission

Casino Employee Crime: Equal Opportunity Threat

Teresa Dalton, University of California, Irvine

Members of Criminal Organizations: Are They Pathological Gamblers?

Kelvin Siu Cheong Yick, Paul Khatani, Chine Yan Chan, and Tiffany Hing Mui Tse, Upper Iowa University, Hong Kong Campus

Online Gambling and Money Laundering

Ingo Fiedler, University of Hamburg, Germany

8:30 am - 10:00 am

Session 3-1-C

Gambling in College

Moderator: Mikael B. Ahlgren, Pennsylvania State University

A Qualitative Examination of Online Gambling Culture among College Students: Preliminary Evidence and Future Directions toward Identifying Factors Influencing Participation, Maintenance and Cessation

Rina Gupta and Jeffrey L. Derevensky, McGill University, Canada; and Michael Wohl, Carleton University, Canada

Gambling Behaviors amongst College Athletes: The Results from the 2012 National Collegiate Athletic Association Study

Tom Paskus, U.S. National Collegiate Athletic Association; Jeffrey L. Derevensky, McGill University, Canada; and Caroline Temcheff, Université de Sherbrooke, Canada

8:30 am - 10:00 am

Session 3-1-D

Florentine I

Pompeian III

The Division on Addictions-Bwin.party Research Collaborative Part I

Moderator: Sarah Nelson, Harvard University and Division on Addiction

Technology and Addiction: The Case of Internet Gambling

Debi LaPlante, Harvard University and Division on Addiction, Massachusetts

Safeguarding Internet Gambling

Heather Gray, Division on Addiction, Massachusetts

8:30 am - 10:00 am

Session 3-1-E

Florentine II

Consumer Profiles in the Gaming Industry

Moderator: Roberto Coppola, International Game Technology, Nevada

Modeling Change in the Profile of the Atlantic City Visitor

Brian J. Tyrrell, and Israel Posner, The Richard Stockton College of New Jersey

Segmenting Slot Players: A Factor-cluster Analysis

Stowe Shoemaker and Dina Marie Zemke, University of Nevada, Las Vegas

Anatomy of a Jackpot: Characteristics of Purchasers of Large Jackpot Lottery Tickets

Todd Maki and Don Feeney, Minnesota State Lottery

8:30 am - 10:00 am

Session 3-1-F

Basketball and Betting

Moderator: Garry Smith, University of Alberta

Price Movements and the Prevalence of Informed Traders: The Case of Line Movement in College Basketball

Kevin Krieger, University of West Florida; and Andy Fodor, Ohio University

A Comparison of Line and Margin Based In-play Conditional Probability Models in NBA

Anthony Bedford and Elsuida Kondo, RMIT University, Australia

College and NBA Basketball Betting: Observations after 15 International Conferences on Gambling and Risk Taking

George Ignatin, University of Albama Birmingham, Professor Emeritus and 15-time Conference Attendee

8:30 am - 10:00 am

Session 3-1-G PANEL SESSION

Florentine IV

Florentine III

"Off-reservation" Gaming by American Indian Tribes: What Do the Cards Hold?

Moderators: Kathryn R.L. Rand and Stephen Light, University of North Dakota Institute for the Study of Tribal Gaming Law and Policy

William J. Brooks, Nottawaseppi Huron Band of the Potawatomi and FireKeepers Development Authority, Michigan Alan P. Meister, Nathan Associates, California Bryan Newland, Bay Mills Indian Community, Michigan

10:00 am - 10:30 am

Mid-morning Break

Promenade Lobby

10:30 am - 12:00 pm

Session 3-2-A
Problem Gambling Theory and Methodology I

Pompeian I

Moderator: Jeff Marotta, Problem Gambling Solutions, Oregon

The Conceptual Framework of Harmful Gambling Project Max W. Abbott, Auckland University of Technology, New Zealand

Determining the Relative Harms of Gambling Modes

Graeme Ramsey, Problem Gambling Foundation of New Zealand

Session 3-2-B

Pompeian II

Gaming Law and Compliance: Critical Issues in a Changing

Landscape

Moderator: Ngai Pindell, University of Nevada, Las Vegas

PASPA: An Unconstitutional Patent *Kevin P. Braig, Dinsmore and Shohl, Ohio*

What Changing Public Policies toward Gambling Mean for Gaming Law

I. Nelson Rose, Whittier Law School, California

Device, Application, and Network Compliance for the Mobile Gaming Industry

James Morrison, Mobixity, California

10:30 am - 12:00 pm

Session 3-2-C

Pompeian III

Problem Gambling Prevention and Policy Implications

Moderator: Carol O'Hare, Nevada Council on Problem Gambling

Prevention Programs for Youth Gambling: A Review of the Empirical Evidence

Robert Ladouceur and Annie Goulet, Université Laval; and Frank Vitaro, Universite de Montreal

Underage Gambling: Policy, Punishment and Public Health Alternatives *Joanna F. Franklin and Christopher Welsh, University of Maryland - Baltimore*

MENTOR: Preliminary Results from a New Online Prevention Tool *Doris Malischnig, Casinos Austria*

10:30 am - 12:00 pm

Session 3-2-D

Florentine I

The Division on Addictions-Bwin.party Research Collaborative Part II

Moderator: Debi LaPlante, Harvard University and Division on Addiction

Predicting Gambling-related Problems among Internet Gamblers
Sarah Nelson, Harvard University and Division on Addiction

Managing an Academic/Research Collaborative: Challenges and Outcomes Joachim Haeusler, Bwin.party

Session 3-2-E

Florentine II

Customer Experience and Behavior

Moderator: Toni Repetti, University of Nevada, Las Vegas

Mapping the Online Gambling e-Servicescape

Brett Abarbanel, University of Nevada, Las Vegas

Helping Gambling Operators Identify and Manage Customer Risk

Tony Schellinck, Dalhousie University; and Tracy Schrans, Focal Research Consultants Limited

Loyalty amongst Casino Players: From Service Quality to Customer

Catherine Prentice, Swinburne University of Technology, Australia; and Zhonglu Zeng, Macao Polytechnic Institute

10:30 am - 12:00 pm

Session 3-2-F

Florentine III

Baccarat Analyses

Moderator: Ashok K. Singh, University of Nevada, Las Vegas

Baccarat Edge Sorting: A Further Look

Teresa Dalton; University of California, Irvine; and Robert Hannum, University of Denver, Colorado

Baccarat Solved?

David Sofer, Zuan Xin Lucky Dragon, Nevada

A Game-theoretic Analysis of Baccarat Chemin de Fer

Stewart N. Ethier, University of Utah; and Carlos Gámez, Universidad de El Salvador

12:15 pm - 1:45 pm

Lunch Roman Ballroom LUNCH KEYNOTE: "Inside Straight: How China's Provinces Are Changing the World – and What It Means for Gaming"

William Antholis, Director, Brookings Institution

2:00 pm - 3:30 pm

Session 3-3-A

Pompeian I

Problem Gambling Theory and Methodology II

Moderator: Lia Nower, Rutgers University, New Jersey

The 'Circles Concept' of Gambling Addiction: An Empowered Framework for Change

Harry Mayr, St. Marys Penrith Psychological Services, Australia

An Improved Pathways Development Model of Problem Gambling: A Summary of Nine Studies in Hong Kong and Macau

Chi Chuen Chan, University of St. Joseph, Macau; and Amy Chiu and Alice Chan, Upper Iowa University, Hong Kong Campus

Player Insights Using Player Data: Scoping Research Opportunities for Understanding Risk in Gaming Machines in Great Britain

Heather Wardle, NatCen Social Research, United Kingdom; and Jonathan Parke, United Kingdom Responsible Gambling Trust

2:00 pm - 3:30 pm

Session 3-3-B

Pompeian II

Global Perspectives on Gambling, Law, and Regulation

Moderator: I. Nelson Rose, Whittier University, California

Rationalization and Bounded Re-enchantment of Legal Gambling in Israel Moshe Levy, Ariel University Centre, Israel

The Interplay between Law, Development and Spillover Effects of Casino Gaming: Theory and Asian Evidence

Ricardo Chi Sen Siu, University of Macau

Do's and Don'ts of Regulation: The Case of the Netherlands

Toine Spapens, Tilburg Univeristy, the Netherlands

Recent EU Gambling Regulatory Developments: A Case of Many Court Cases with Institutions Courting Inconclusiveness?

Alan Littler, Kalff Katz & Franssen, the Netherlands

2:00 pm - 3:30 pm

Session 3-3-C SPECIAL ADDRESS

Pompeian III

Moderator: Linda E. De Vries, University of Western Cape, South Africa

The South African National Longitudinal Study of Gambling Behavior (NLSGB): Preliminary Results

Don Ross, University of Cape Town, South Africa

2:00 pm - 3:30 pm

Session 3-3-D

Florentine I

Responsible Gaming and the Internet

Moderator: Malcolm Bruce, Gambling Integrity Services, United Kingdom

The Impact of Partial Liberalization of Internet Gambling: A Comparison of Internet and Non-Internet Gamblers

Sally Gainsbury and Nerilee Hing, Southern Cross University, Australia; Alex Russell and Alex Blaszczynski, School of Psychology, University of Sydney, Australia; Robert Wood, University of Lethbridge, Canada; and Dan Lubman, Turning Point Alcohol and Drug Centre, Australia

Consumer Protection for Internet Gambling

Kurt Eggert, Chapman University School of Law, California

How To Make Personalized Feedback Work in an Online Gaming Environment

Michael Auer, neccton, United Kingdom; and Mark D. Griffiths, Nottingham Trent University, United Kingdom

2:00 pm - 3:30 pm

Session 3-3-E

Florentine II

Workforce Development in the Gaming Industry

Moderator: Carl Braunlich, University of Nevada, Las Vegas

The Appreciable Benefit of Recognizing a Gaming Hospitality Business Educated Work Force

David Paster, Oklahoma State University

Introduction to Gaming and Slot Machine Development – A Course for CS Majors

Tony Morelli, University of Nevada, Reno

Dealer Training in Macau, 2003-2013

Peter Tcheong, Macao Polytechnic Institute

Building a Gaming Management Masters – What Does the Industry Want?

Toni Repetti and SoYeon Jung, University of Nevada, Las Vegas

2:00 pm - 3:30 pm

Session 3-3-F

Florentine III

Advantage Play and Real-time Analysis of Games

Moderator: Brett Abarbanel, University of Nevada, Las Vegas

Card Counting in Continuous Time

Patrik Andersson, Stockholm University, Sweden

Measuring the Price of Discrimination with Data on Poker Games

Ingo Fiedler, University of Hamburg, Germany

A Mathematical Model of "Tilt:" Cause and Cure

Mason Malmuth, Two Plus Two Publishing

3:30 pm - 4:00 pm

Mid-afternoon Break

Promenade Lobby

4:00 pm - 5:30 pm

Session 3-4-A

Pompeian I

Gambling, Public Attitudes, and Policy

Moderator: Keith Whyte, U.S. National Council on Problem Gambling

Public Opinion and Problem Gambling

Don Feeney, Minnesota State Lottery

Problem Gambling Provisions When a State Proposes Gambling Expansion Marlene D. Warner, Massachusetts Council on Compulsive Gambling

Negative Attitudes towards Gambling are Common in Australia and Predict **Support for Gambling Reforms**

Phillip Donaldson, Matthew J Rockloff, Matthew Browne, and En Li, CQ University, Australia

Why Do Banks, Networks, Card Associations, and Processors Fear Gaming? Omer Sattar, Sightline Payments, Nevada

4:00 pm - 5:30 pm

Session 3-4-B

Pompeian II

Monopolies, Markets, and Gaming Operations

Moderator: Jonathan Galaviz, Galaviz & Company, Nevada and Singapore

An Analysis of Slack Basic Model of DEA on Operational Efficiency

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

How Do Casinos Make Money?

Stephen Litvin and Douglas M. Walker, College of Charleston, South Carolina

Monopolies and Open Markets: Impacts of Casino Industry Structures William Thompson, University of Nevada, Las Vegas; and Catherine Prentice, Swinburne University of Technology, Australia

How Do Gaming Executives Expect to Be Managing in Five Years?

Simo Dragicevic, Bet Buddy Ltd.

An Empirical Study

4:00 pm - 5:30 pm

Session 3-4-C

Pompeian III

Studying Patterns of Play: Specific Games

Moderator: Michael J.A. Wohl, Carleton University, Canada

Are Lottery Players Affected by Random Shock? Evidence from China's **Individual Lottery Betting Panel Data**

Jia Yuan, University of Macau

The Relationship of Vulnerability Factors and Persistence during Slot Machine Play

Jamey Lister and Lia Nower, Rutgers University, New Jersey; and Michael J.A. Wohl, Carleton University, Canada

Goal Setting, Chasing, and Persistence during Slot Machine Play

Jamey Lister and Lia Nower, Rutgers University, New Jersey; and Michael J.A. Wohl, Carleton University, Canada

The Influence of Socio-economic Settings on Video Lottery Gamblers' Characteristics

Serge Sevigny , Isabelle Giroux, Karina Côté, Christian Jacques, Martin Leclerc, and Robert Ladouceur, Laval University, Quebec, Canada

4:00 pm - 5:30 pm

Session 3-4-D

Florentine I

Responsible Gaming: Trends in Industry Responses

Moderator: Connie Jones, International Game Technology, Nevada

The Evolution of Responsible Gaming: Past, Present, and Future Trends Carl Braunlich, University of Nevada, Las Vegas

Trends in Responsible Gaming in the Commercial Gaming Industry and on the Internet

Robert W. Stocker, Dickinson Wright, Washington, DC

RAY's Online Casino: Player Protection and Responsible Gaming

Janne Peräkylä, Raha-automaattiyhdistys (Finland Slot Machine Association)

4:00 pm - 5:30 pm

Session 3-4-E PANEL SESSION Florentine II

Big Data in Online Gaming: Implications and Applications for Research and Industry

Moderator: Kahlil S. Philander, University of Nevada, Las Vegas

Nils Svangård, Tajitsu Industries, Sweden Ingo Fiedler, University of Hamburg, Germany David Thornton, Skill in Games, New York Debi LaPlante, Division on Addiction/Harvard Medical School, Massachusetts Daniel Stewart, Poker Scout, Nevada

4:00 pm - 5:30 pm

Session 3-4-F

Florentine III

Publishing Your Work: Editors' Panel

Moderator: Brett Abarbanel, Managing Editor, UNLV Gaming Research and Review Journal

Sally Gainsbury and Alex Blaszczynski, Editors, International Gambling Studies David G. Schwartz, Publisher, UNLV Gaming Press Masood Zangeneh, Editor, International Journal of Mental Health & Addiction

4:00 pm - 5:30 pm

Session 3-4-G
SPECIAL ADDRESS

Florentine IV

Debunking Problem Gambling and Gaming Management Myths: What Does the Casino Operations Research Literature Tell Us?

Anthony F. Lucas, University of Nevada, Las Vegas

THURSDAY

Thursday, May 30







6:30 pm - 7:00 pm

Cocktails

Roman Ballroom

7:00 pm - 9:30 pm

Conference Dinner

Roman Ballroom

Friday, May 31

7:30 am - 8:30 am

Continental Breakfast

Promenade Lobby

8:30 am - 10:00 am

Session 4-1-A Pompeian I

Problem Gambling History and Culture

Moderator: Nigel E. Turner, Centre for Addiction and Mental Health

Roman Addiction: The Changing Perception of Problem Gambling in the Roman World

Suzanne Faris Silver, Independent Researcher

A History of Problem Gambling Treatment in Las Vegas

Rob Hunter, Problem Gambling Center

Gambling as a Leader; Gambling as a Follower: An Investigation of Problem Gambling in the Criminal Culture in Hong Kong

Kelvin Siu Cheong Yick, Chine Yan Chan, Paul Khatani, and Tiffany Hing Mui Tse, Upper Iowa University, Hong Kong Campus; and Chi Chuen Chan, University of St. Joseph, Macau

Shipwreck with Speculator: Early Modern Representations of Risk and Gambling

David J. Hart, West Texas A&M University



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DATA

The power of GeoComply's Matrix solution lies within the richness of the data it gathers. Multiple sets of geolocation data are automatically collected upon authentication, in order to make the most accurate determination of a user's location.

INTEGRATION

GeoComply's custom-built APIs allow for a seamless integration process to deliver rich geolocation data into existing platforms without material impact to the customer experience.

8:30 am - 10:00 am

Session 4-1-B

Pompeian II

Gaming Expansion in Asia

Moderator: Jonathan Galaviz, Galaviz & Company, Nevada and Singapore

A Public Choice Perspective on the Progression of Casino Gaming

Miao He and Ricardo Chi Sen Siu, University of Macau

Casino Legalization as an Evolutionary Game: Who Will Be Next?

Miao He, University of Macau

8:30 am - 10:00 am

Session 4-1-C

Pompeian III

Social Media and Free-to-Play Games

Moderator: Keith Whyte, U.S. National Council on Problem Gambling

Social Gaming: Problems, Policies, and Predictions

Keith Whyte, U.S. National Council on Problem Gambling

What Do We Currently Know about the Impact of Social Media Gambling Games upon Current and Future Gambling among Young People?

Sally Gainsbury, Southern Cross University, Australia; and Jeffrey L. Derevensky, McGill University, Canada

Identities at Stake: Similarities Between Free-to-play Games and New Forms of Online Gambling

Jani Kinnunen, University of Tampere, Finland

8:30 am - 10:00 am

Session 4-1-D

Florentine I

Culture, Operations, and Impacts

Moderator: Katherine Spilde, San Diego State University, California

The Ant and the Grasshopper: Western Casino Operators in Macau and Singapore

Sudhir Kale, Bond University, Australia

The Experience of Lotto 6/49 and the Capacity to Trust: Elements for an Anthropology of Gambling

Jocelyn Gadbois, Concordia University, Canada

Does a Socially Responsible Casino Retain Its Employees Better? An Empirical Study in Macau

Edmund Hoi Ngan Loi, Macao Polytechnic Institute; and Matthew Tingchi Liu and Ronwei Chu, University of Macau

8:30 am - 10:00 am

Session 4-1-E

Florentine II

New Technologies, New Frontiers

Moderator: Mike Dreitzer, BMM Laboratories, Nevada

Gambling on Mobile Devices: A New Frontier of Gambling Activity

Ardeshir S. Rahman, Richard J. Rosenthal, Arlene Fink, Margarit Davtian, and Timothy W. Fong, University of California, Los Angeles

Is That a Slot Machine in Your Pocket? A Summary and Analysis of New **Gaming Spaces**

David Briggs, GeoComply, Nevada

Playing Surveillance Games: How Surveillance Turns into Profit in New Online Environments

Liisa A. Mäkinen, University of Helsinki, Finland

8:30 am - 10:00 am

Session 4-1-F

Florentine III

Organized Crime and Gambling in the United States

Moderator: David G. Schwartz, University of Nevada, Las Vegas

Attesting to Unique Attractions: The President's Commission on Organized **Crime Gambling Hearings**

David G. Schwartz, University of Nevada, Las Vegas

The Mob Museum: Building a History of Organized Crime in the U.S.

Michael Green, College of Southern Nevada

10:00 am - 10:30 am

Mid-morning Break

Promenade Lobby

10:30 am - 12:00 pm

Session 4-2-A

Pompeian I

Problem Gambling: Lessons from the Nevada Laboratory

Moderator: Jeffrey Marotta, Problem Gambling Solutions

The Nevada Problem Gambling Study: Snapshot of a Treatment Population in Nevada

Sarah A. St. John, Raeven Faye Chandler, and Bo J. Bernhard, University of Nevada, Las Vegas

ICD, DSM, ASAM, GPPC, OMG! - Taking the Disorder Out of Gambling Disorder

Denise Quirk, University of Nevada, Reno; and Colin M. Hodgen, Reno Problem Gambling Center, Nevada

Session 4-2-B

Pompeian II

Gambling and Commercial Gaming in Latin America

Moderator: Fred Licon, Ocho Gaming

What Can We Learn from Recent Latin American Changes in Gambling **Public Policies?**

Carlos Sanchez-Bello, Pathological Gambling Section of Latin American Psychiatric Association, Venezuela

The Beginning of Gambling and the Current Commercial Gaming Situation in Brazil

Dario Luiz Dias Paixão, Positivo University, Brazil; and Angélica da Cunha Molteni, Federal University of Paraná, Brazil

Legal Gambling in Mexico

Alfredo Lazcano, Lazcano Samano, Mexico

10:30 am - 12:00 pm

Session 4-2-C

Pompeian III

Non-problem Gambling

Moderator: David G. Schwartz, University of Nevada, Las Vegas

Does Non-problem Gambling Have Any Negative Impacts on Gamblers? Samuel Huang, Macao Polytechnic Institute

The Unique and Shared Contributions of Implicit and Explicit Positive Gambling Outcome Expectancies as Predictors of Gambling Behavior

Melissa J. Stewart, Dalhousie University, Canada; Sunghwan Yi, University of Guelph, Canada; and Sherry H. Stewart, Dalhousie University, Canada

The Activation of Reward Versus Relief Gambling Outcome Expectancies in Regular Gamblers

Melissa J. Stewart, Dalhousie University; and Sunghwan Yi, University of Guelph, Canada

Dissociating the Roles of Delay and Probability Discounting in Gambling **Behavior**

Will Shead and Emad Talisman, Mt. Saint Vincent University, Canada

Session 4-2-D

Florentine I

Corporate Communication and Corporate Social Responsibility

Moderator: Dean Hestermann, Caesars Entertainment

Professional Practices for Gaming in Social Media

Dan Michalski, Pokerati, Nevada

Becoming Respectable: A History of Early Corporate Social Responsibility and Philanthropy in the Las Vegas Casino Industry

Jessalynn Strauss, Xavier University, Ohio

Spending Green, Winning Green...Going Green? Analyzing Environmental Messages in Las Vegas Casinos

Jessalynn Strauss, Xavier University, Ohio

10:30 am - 12:00 pm

Session 4-2-E

Florentine II

Taxation and the Gaming Industry

Moderator: Kahlil S. Philander, University of Nevada, Las Vegas

The Effects of Gaming Tax / Retention Rate on Casino Performance

Will E. Cummings, Cummings Associates, Massachusetts

The Impact of a Gaming Tax Rate Increase on Cross-state Demand

Mikael B. Ahlgren, Pennsylvania State University; and Sarah Tanford and Ashok K. Singh, University of Nevada, Las Vegas

Lessons to be Learned from the Curious Case of Betting Taxation in the UK

Leighton Vaughan Williams, Nottingham Trent University, United Kingdom

10:30 am - 12:00 pm

Session 4-2-F

Florentine III

Gaming Expansion, Capitalism, and Cultural Effects

Moderator: Douglas Walker, College of Charleston

Casino Capitalism, Gambling Expansion, and the Cultural Effects of

Financialization

James Cosgrave, Trent University, Canada

The Evolution of Sports Betting in Finland: Learning and Diffusion of a New

Game over the Past 20 Years

Matias Karekallas, University of Helsinki, Finland

12:15 pm - 12:45 pm

Closing Ceremony: What We've Learned Roman Ballroom

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



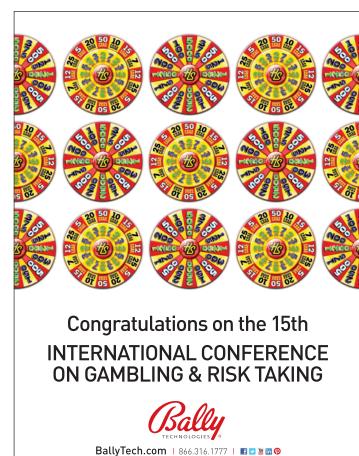


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