



INTERNATIONAL CONFERENCE ON PUBLIC-PRIVATE PARTNERSHIPS

**May 26-May 29, 2015**

# CONFERENCE PROGRAM

**[www.icppp2015.org](http://www.icppp2015.org)**

# Welcome to Austin!



**C. Michael Walton**  
Conference Co-chair

In light of the global trend of using Public-Private Partnerships (PPPs) as an alternative infrastructure project delivery mechanism by government agencies in the U.S. and other countries around the globe, the 1st International Conference on Public-Private Partnerships (ICPPP2013) was successfully hosted in Dalian, China from August 5-7, 2013. Attracting delegates from 11 countries, ICPPP2013 served as an excellent platform for exchanging ideas and facilitating dialogues among different sectors involved with PPPs and between academia and practitioners. Considering the increasing trend in using PPPs by state DOTs in the U.S. and road, transport and other infrastructure agencies worldwide, key stakeholders organizing and attending ICPPP2013 reached the consensus that the ICPPP series should continue and that the 2nd International Conference on Public-Private Partnership (ICPPP2015) be held at The University of Texas in Austin, Texas, on May 26-29, 2015.

ICPPP2015 covers a wide range of topics related to PPPs, ranging from policy to engineering, and economics to legal issues. The conference main themes include:

Financing Policies  
Financial Viability and Risk Analysis of PPP Projects  
Design, Construction, Operation, & Management of PPP Infrastructure Projects  
Legal Issues Related to PPPs



**Cesar Queiroz**  
Co-chair, International  
Steering Committee

ICPPP2015 has attracted delegates from more than 30 countries representing all continents. Major stakeholders from the public, private, and academic sectors in the U.S. and several other countries are well integrated into the technical program.

The city of Austin is located along the Colorado River in Central Texas. In addition to being a rich hub of culture, government, and industry, Austin is considered the “live music capital of the world.”

In short, we have an exciting program for ICPPP2015 and a great city expecting your visit. We look forward to seeing you in Austin soon!

Sincerely,

A handwritten signature in black ink, appearing to read "C. Michael Walton".

C. Michael Walton

A handwritten signature in blue ink, appearing to read "Cesar Queiroz".

Cesar Queiroz



**Zhanmin Zhang**  
Co-chair, Conference  
Organizing Committee

A handwritten signature in black ink, appearing to read "Zhanmin Zhang".

Zhanmin Zhang

# Organizing Committees

<p><b><u>Conference Chairs</u></b></p> <p>C. Michael Walton, <i>Ernest H. Cockrell Centennial Chair, The University of Texas at Austin, USA</i>  Oscar de Buen Richkarday, <i>President of PIARC</i>  Xinghua Li, <i>Director-General, Transport Planning and Research Institute, Ministry of Transport, China</i></p>	<p><b><u>International Steering Committee cont.</u></b></p> <p><b>Coordinators for South and Central America</b>  Marcelo Perrupato e Silva, <i>Senior Advisor, DB International, Brazil</i>  Jose Luis Bonifaz, <i>Professor, Universidad del Pacifico, Peru</i>  Fernando Pieroni, <i>Director, Estruturadora Brasileira de Projetos, Brazil</i></p>
<p><b><u>Conference Organizing Committee</u></b></p> <p><b>Chairs</b>  Zhanmin Zhang, <i>The University of Texas at Austin, USA</i>  Patrick Rhode, <i>Vice President, Cintra US, USA</i></p>	<p><b>Coordinators for Middle East and North Africa</b>  Ziad Nakat, <i>Senior Transport Specialist, World Bank</i></p> <p><b>Coordinators for Oceania</b>  Theuns Henning, <i>Director Transportation Research Center, University of Auckland, New Zealand</i></p>
<p><b><u>International Scientific Committee</u></b></p> <p><b>Chairs</b>  Goran M Mladenović, <i>University of Belgrade, Serbia</i>  Aristeidis Pantelias, <i>University College London (UCL), UK</i></p>	<p><b>Coordinators for International Financial Institutions</b>  Tomas Serebrisky, <i>Economic Principal Advisor, Inter-American Development Bank</i>  Lincoln Flor, <i>Senior Transport Economist, World Bank</i></p>
<p><b><u>Promotion and Outreach Committee</u></b></p> <p><b>Chairs</b>  Alondra Chamorro Giné, <i>Pontificia Universidad Católica de Chile, Chile</i>  Liping Hou, <i>China Highway and Transportation Society</i></p>	<p><b>Coordinators for Academic Institutions</b>  Rosário Macário, <i>Professor, Instituto Superior Técnico, Universidade de Lisboa, Portugal</i>  Giuseppe Loprencipe, <i>Professor, University of Rome, Italy</i>  Jose Tadeu Balbo, <i>Professor, University of Sao Paulo, Brazil</i></p>
<p><b><u>International Steering Committee</u></b></p> <p><b>Chairs</b>  Cesar Queiroz, <i>Consultant, Former World Bank Highways Adviser, USA</i>  Ralph Haas, <i>Professor, University of Waterloo, Canada</i>  Nicolas Rubio, <i>President, Cintra US, USA</i></p> <p><b>Coordinators for North America</b>  Susan L. Tighe, <i>Professor, University of Waterloo, Canada</i>  Patrick DeCorla-Souza, <i>P3 Program Manager, Federal Highway Administration, USA</i></p> <p><b>Coordinators for Asia</b>  Shengchuan Zhao, <i>Professor and Dean, Dalian University of Technology, China</i>  Kazuaki Miyamoto, <i>Professor, Tokyo City University, Japan</i>  Kyung Song, <i>Representative Expert, Korea Expert Consulting Group, Korea</i></p>	<p><b>Coordinators for Europe</b>  Athena Roumboutsos, <i>Professor, University of the Aegean, Greece</i>  Alejandro Lopez Martinez, <i>Business Development, OHL, Spain</i>  Valentin Silyanov, <i>Professor, MADI, Russia</i></p> <p><b>Coordinators for Africa</b>  Koos Smit, <i>Engineering Executive, South African National Road Agency (SOC) Limited, South Africa</i>  Joseph O. Haule, <i>Roads Fund Manager, Tanzania</i>  Simon A. Oladele, <i>Technology Transfer Center Manager, University of Botswana, Botswana</i></p>

# ICPPP2015 Financial Sponsors



AMERICAN  
**STRUCTUREPOINT**  
INC.



# Program Schedule Overview

ICPPP2015 Program Overview								
	Tuesday (May 26)	Wednesday (May 27)	Thursday (May 28)	Friday (May 29)				
7:30	Continental Breakfast							
8:30 - 10:00	Morning Workshop: Basic Analysis Tools for Public-Private Partnership	Opening Ceremony	Session 7	Session 8	Session 9	Session 16	Session 17	Session 18
	Coffee Break							
10:30 - 12:00	Morning Workshop: Basic Analysis Tools for Public-Private Partnership	Keynote Speeches	Session 10	Session 11	Session 12	Closing Ceremony		
12:00 - 1:30	Lunch							
1:30 - 3:00	Afternoon Workshop: Investment Risk Assessment and Financial Viability Analysis	Session 1	Session 2	Session 3		Session 13	Session 14	Session 15
	Coffee Break							
3:30 - 5:00	Afternoon Workshop: Investment Risk Assessment and Financial Viability Analysis	Session 4	Session 5	Session 6	Roundtable: PPPs in China	Plenary Session		
	Break							
6:30 - 8:00	Reception		Conference Dinner					

Session #	Session Title
1	Overall financing mechanisms
2	Infrastructure management of PPP projects
3	Value for money
4	Design and operation of toll roads
5	Life-cycle cost and maintenance policies
6	Impact of financial crises and corresponding strategies
7	Risk analysis methods
8	Infrastructure management of PPP projects
9	Issues pertinent to specific regions
10	Risk sharing

Session #	Session Title
11	Infrastructure management of PPP projects
12	Impact of uncertainties
13	Overall financing mechanisms
14	Risk analysis methods
15	Infrastructure management of PPP projects
16	Issues pertinent to specific regions
17	Future directions of financial mechanisms
18	Infrastructure management of PPP projects

Roundtable:

PPPs in China

## Tuesday, May 26, 2015

7:30-8:30 a.m.	Continental Breakfast
8:30-10:00 a.m.	<b>Morning Workshop: Basic Analysis Tools for Public-Private Partnerships</b> Amphitheater 204
10:00-10:30 a.m.	Coffee Break
10:30-12:00 p.m.	<b>Morning Workshop: Basic Analysis Tools for Public-Private Partnerships</b> Amphitheater 204
12:00-1:30 p.m.	Lunch
1:30-3:00 p.m.	<b>Afternoon Workshop: Investment Risk Assessment and Financial Viability Analysis</b> Amphitheater 204
3:00-3:30 p.m.	Coffee Break
3:30-5:00 p.m.	<b>Afternoon Workshop: Investment Risk Assessment and Financial Viability Analysis</b> Amphitheater 204
5:00-6:30 p.m.	Break
6:30-7:00 p.m.	Reception

## Wednesday, May 27, 2015

7:30- 8:30 a.m.	Continental Breakfast
8:30- 10:00 a.m.	<p><b>Opening Ceremony</b> Amphitheater 204</p> <p>Welcome Remarks: <b>C. Michael Walton</b>, Ernest H. Cockrell Centennial Chair in Engineering, The University of Texas at Austin</p> <p>Opening Speech : <b>Lt. General Joe Weber</b>, Executive Director, Texas Department of Transportation</p> <p>Remarks from Organizing Committees:</p> <p><b>Oscar de Buen Richkarday</b>, President of PIARC</p> <p><b>Xinghua Li</b>, Director-General, Transport Planning and Research Institute (Represented by Baosheng Zhang)</p> <p><b>Zhanmin Zhang</b>, Fellow of the Clyde E. Lee Endowed Professorship in Transportation, The University of Texas at Austin</p>
10:00- 10:30 a.m.	Coffee Break
10:30- 12:00 p.m.	<p><b>Keynote Speeches</b> – Moderator: Patrick Rhode, Cintra Amphitheater 204</p> <p><b>Robert Poole</b>, Director of Transportation Policy, Reason Foundation (Confirmed)</p> <p><b>Ananth Prasad</b>, Transportation Practice Head, HNTB Corp. (Confirmed)</p>
12:00- 1:30 p.m.	Lunch

<p>1:30-3:00 p.m.</p>	<p><b>Session 1: Overall Financing Mechanisms</b> Classroom 201 Moderator: Ben Asher, TxDOT</p> <p><i>An Overview of the Brazilian PPP Experience from a Stakeholders' Viewpoint, <b>Cesar Queiroz</b>, Gaston Astesiano, Tomas Serebrisky, Claret Consulting LLC, 15-003</i></p> <p><i>PPPs for Road Development in Mexico, Oscar De Buen, <b>Bernardo José Ortiz Mantilla</b>, World Road Association, 15-049</i></p> <p><i>Use of Fiscal Support Mechanisms in Public-Private Partnerships: An Exploration of Three International Case Studies, <b>Edwin E. Gonzalez</b>, Martha E. Gross, Michael J. Garvin, Virginia Tech, 15-104</i></p> <p><i>Financial Assessment of Private Partners for PPP Projects using Lender Approach, <b>Hassan Fathali</b>, Concordia University, 15-055</i></p>	<p><b>Session 2: Infrastructure Management of PPP Projects</b> Classroom 202 Moderator: Aris Pantelias, UCL</p> <p><i>Comparison of Contract Requirements for Development and Communication of Design and Construction Information on Three PPP Projects in Texas, <b>Cameron Schmeits</b>, Nabeel Khwaja, Center for Transportation Research, 15-112</i></p> <p><i>Public-Private Partnerships for High-Speed Rail Projects: Portugal and Thailand, Carlos Oliveira Cruz, <b>Nakhon Kokkaew</b>, Rui Cunha Marques, University of Lisbon, 15-051</i></p> <p><i>Financial Viability of Water and Wastewater Infrastructure: Using Public-Private Partnerships, <b>Cristiane Surbeck</b>, Rebecca W. Trotter, Cesar Queiroz, University of Mississippi, 15-065</i></p> <p><i>Dynamic Toll Lane: A Success Story as Part of the of Public Private Partnerships in the Commonwealth of Puerto Rico, <b>Benjamin Colucci</b>, 15-059</i></p>	<p><b>Session 3: Value for Money</b> Classroom 203 Moderator: Goran Mladenovic, University of Belgrade</p> <p><i>A Benefit-Cost Analysis Tool for Evaluation of Highway Public-Private Partnership Projects, <b>Patrick DeCorla-Souza</b>, Douglass B. Lee, Mark Sullivan, Darren Timothy, Federal Highway Administration, 15-008</i></p> <p><i>Institutional Economics Meets the Cost of Capital, <b>Rick Geddes</b>, Joshua K. Goldman, Cornell University, 15-079</i></p> <p><i>Innovation Capture through the Alternative Technical Concept Process in PPPs in Texas: A Tool for Financial Viability, <b>Fidel Saenz de Ormijana</b>, Nicolas Rubio, Ferrovia Agroman US Corp, 15-097</i></p> <p><i>A New Framework for Evaluating Public-Private Partnerships, <b>James Smith</b>, Junxiao Liu, Peter E.D. Love, Michael Regan, Bond University, 15-113</i></p>
-----------------------	---	--	--



3:00-3:30 p.m.	Coffee Break			
3:30-5:00 p.m.	<p><b>Session 4: Design and Operation of Toll Roads</b> Classroom 201 Moderator: Katie Nees, TxDOT</p> <p><i>Traffic Forecasting Problems and Its Impact on Debt Recovery and Highway Planning,</i> <b>William Ankner</b>, Transportation Solutions, 15-037</p> <p><i>Lane Closure Restrictions on Texas Highway PPP Construction Projects,</i> <b>Kristopher Pruner</b>, Nabeel Khwaja, University of Texas at Austin, 15-100</p> <p><i>Development of an HOV Application for North Texas Manage Lane Projects,</i> <b>Julia Monso</b>, Peter Jason Sipes, Cintra, 15-028</p> <p><i>Arbitrage in Public-Private Partnership Contracts: The Brazilian Mg-050 Highway Case Study,</i> <b>Eloy Oliveira</b>, Columbia University, 15-002</p>	<p><b>Session 5: Life-cycle Cost and Maintenance Policies</b> Classroom 202 Moderator: Katherine Holtz, TxDOT</p> <p><i>Integrated Asset Management for Long Term Road Network PPP's,</i> <b>Ralph Haas</b>, University of Waterloo, 15-046</p> <p><i>Understanding the Interaction of Multiple Jurisdictions for Highway Investment: Viability of Public-Private Partnership Alternatives,</i> <b>Nobuhiko Daito</b>, Shanjian Zhu, Jonathan L. Gifford, George Mason University, 15-067</p> <p><i>Seek A Positive Renegotiation Mechanism,</i> <b>Hui Sun</b>, Xiaowei Yin, Tianjin University, 15-021</p> <p><i>Charging on Ordinary Streets—Infrastructure Funding and Roles of PPP,</i> <b>Yu Namba</b>, Toyo University, 15-066</p>	<p><b>Session 6: Impact of Financial Crises &amp; Corresponding Strategies</b> Classroom 203 Moderator: Cesar Queiroz</p> <p><i>An Integrated Approach to the Finance, Maintenance, and Operation of Highway Infrastructure,</i> <b>Juan Diego Porras-Alvarado</b>, Zhe Han, Zhanmin Zhang, C. Michael Walton, University of Texas at Austin, 15-109</p> <p><i>PPPs in Spain: lessons from the economic recession,</i> <b>Jose Manuel Vassallo</b>, María de los Ángeles Baeza, Alejandro Ortega, Universidad Politecnica de Madrid, 15-043</p> <p><i>Survey Study of Pavement Warranty Distress Thresholds,</i> <b>Feng Wang</b>, Amin El Gendy, Yan Qi, Jackson State University, 15-034</p> <p><i>The Impact of Rule of Laws on the Recovery of Distressed PPP Infrastructure Projects,</i> <b>Nakhon Kokkaew</b>, Carlos Oliveira Cruz, Derek Alexander, University of Lisbon, 15-071</p>	<p><b>Roundtable – PPPs in China</b> Classroom 104</p>

**Thursday, May 28, 2015**

7:30-8:30 a.m.	Continental Breakfast		
8:30-10:00 a.m.	<p><b>Session 7: Risk Analysis Methods</b> Classroom 201 Moderator: Ricardo Bosch, Cintra</p> <p><i>Evaluating Long-term Leasing of Toll Roads based on Probabilistic and Multiple-Criteria Techniques, <b>Zhibo Zhang</b>, Samuel Labi, Kumares C. Sinha, Purdue University, 15-011</i></p> <p><i>Quantified Probability Assessments of Revenue Forecasts, Thomas Adler, Ray Tillman, Mark Fowler, RSG, 15-013</i></p> <p><i>Evaluation of Traffic and Revenue Risks of Toll Roads and Managed Lane Facilities, <b>Phani Jammalamadaka</b>, Yagnesh Jarmarwala, Lin Zhou, Naveen Mokkapati, Worapong Hirunyanitiwattana, CDM Smith, 15-060</i></p> <p><i>Dynamic Stakeholder Networks and the Governance of PPPs, <b>Andrew South</b>, Raymond E. Levitt, Geert P. M. R. Dewulf, Stanford University, 15-110</i></p>	<p><b>Session 8: Infrastructure Management of PPP Projects</b> Classroom 202 Moderator: Matt Pierce, COO, SH130 CC</p> <p><i>Involving the private sector in tramway track network maintenance: Case study of the City of Rome, Laura Chiacchiari, <b>Giuseppe Loprencipe</b>, Cesar Queiroz, University of Rome, 15-045</i></p> <p><i>Public Private Partnership (PPP) Twin Challenges in Emerging Economies – The need for a paradigm shift, <b>Pantaleo Daniel Rwelamila</b>, University of South Africa, Graduate School of Business Leadership, 15-019</i></p> <p><i>Public-Private Partnership for Urban Development in China, <b>Zhantao Zhang</b>, Xixian Fengdong New Town Development, Co., Ltd.</i></p> <p><i>Experiences from PPP Road Projects in Finland, Pekka Pakkala, <b>Seppo Mäkinen</b>, Viasys VDC Inc., 15-012</i></p>	<p><b>Session 9: Issues Pertinent to Specific Regions</b> Classroom 203 Moderator: Liping Hou, CHTS</p> <p><i>A Stakeholders' Assessment of the Brazilian PPP Enabling Environment, <b>Cesar Queiroz</b>, Gaston Astesiano, Tomas Serebrisky, Claret Consulting LLC, 15-083</i></p> <p><i>A PPP Model for Developing a Sustainable SME Sector in Developing Countries, <b>Patrick Mabuza</b>, National Energy Regulator of South Africa, 15-044</i></p> <p><i>Necessary Adjustments on Government Guarantees – Brazilian Case Study, <b>Paola Pantaleao</b>, Carolina Torres Vieira, Bruno Werneck, Mattos Filho Advogados, 15-068</i></p> <p><i>Why are PPPs for public lighting so appealing? Benefits and barriers to its implementation in Brazil, <b>Paola Pantaleao</b>, Bruno Werneck, Mattos Filho Advogados, 15-053</i></p>
10:00-10:30 a.m.	Coffee Break		

10:30-12:00 p.m.	<p><b>Session 10: Risk Sharing</b> Classroom 201 Moderator: Michael Garvin, Virginia Tech</p> <p><i>Risk Allocation Considerations for PPP Projects, <b>Vincent Dolan</b>, KPMG</i></p> <p><i>Revenue guarantees in PPPs: A win-win option-based model, <b>Nunzia Carbonara</b>, Nicola Costantino, Roberta Pellegrino, Politecnico di Bari, 15-085</i></p> <p><i>Consideration of Risk Transfer and the Impact of External Events in Road Concessions in South Africa, <b>William Dachs</b>, Nazir Alli, Gautrain Management Agency, 15087</i></p>	<p><b>Session 11: Infrastructure Management of PPP Projects</b> Classroom 202 Moderator: Feng Wang, Jackson State University</p> <p><i>The Efficiency Claim of Public-Private Partnerships: A Look into Project Operations and Maintenance Costs, <b>Sergio Martinez</b>, C. Michael Walton, The University of Texas at Austin, 15-108</i></p> <p><i>Mapping the PPP market in the US and Canada: participation and interaction of private firms between 1990 and 2013, <b>Jose Guevara</b>, Michael Garvin, Virginia Tech, 15-096</i></p> <p><i>Operations and Maintenance Practice of US Public-Private Partnership Roadways, <b>Henry Chan</b>, Arup, 15-052</i></p> <p><i>The Dynamics of Change: Exploring the Successes and Failures of Business Process Re-engineering in PPP Infrastructure Projects, <b>Evans Kessey</b>, Bridge Engineering Assistant, Odessa, Texas, 15-026</i></p>	<p><b>Session 12: Impact of Uncertainties</b> Classroom 203 Moderator: H. Oliver Gao, Cornell University</p> <p><i>Innovative P3 Concepts to Replace Aging Infrastructure: Pennsylvania's Rapid Bridge Replacement Project, <b>Rebecca Brooks</b>, Lochner MMM Group</i></p> <p><i>Innovation and Environmental Constraints in PPPs: Opportunities and Challenges, <b>Fidel Saenz de Ormijana</b>, Nicolas Rubio, Ferrovial Agroman US Corp, 15-073</i></p> <p><i>Capturing Uncertainties in Estimating Toll Rates, Nevena Vajdic, <b>Goran Mladenovic</b>, Cesar Queiroz, University of Belgrade, 15-099</i></p> <p><i>Contractual Flexibility in Transport Infrastructure PPP, <b>Sérgio Domingues</b>, Dejan Zlatkovic, Athena Roumboutsos, University of Antwerp, 15-092</i></p>
12:00-1:30 p.m.	Lunch		

1:30-3:00 p.m.	<p><b>Session 13: Overall Financing Mechanisms</b> Classroom 201 Moderator: Jonathan L. Gifford, George Mason University</p> <p><i>Social Welfare Analysis of Investment Public-Private Partnership</i>, <b>H. Oliver Gao</b>, Cornell University</p> <p><i>Constituent Elements of Feasible Financing Modes for Urban Rapid Rail Transit Projects</i>, <b>Di Wu</b>, Wei Liang, Shouqing Wang, Tsinghua University, 15-005</p> <p><i>Public Private Partnerships (PPPs): The Concept, Rationale and Evolution</i>, <b>Hassan Raza Shah</b>, GC University, 15-040</p> <p><i>Project Finance for Public Private Partnerships: Evidence from Australia</i>, <b>James Smith</b>, Michael Regan, Peter Love, Bond University, 15-001</p>	<p><b>Session 14: Risk Analysis Methods</b> Classroom 202 Moderator: Ricardo Sanchez, Cintra</p> <p><i>A Methodological Framework for the Credit Assessment of Transport Infrastructure Projects</i>, Athena Roumboutsos, <b>Aristeidis Pantelias</b>, Emmanouil Sfakianakis, University of the Aegean, 15-098</p> <p><i>Lean Principles Application in Public-Private Partnership Projects' Procurement</i>, <b>Ramtin Malek</b>, Ghada M. Gad, Bowling Green State University, 15-038</p> <p><i>An Empirical Study of Risks in PPP: The Case of The Motorway Sector</i>, <b>Roberta Pellegrino</b>, Nunzia Carbonara, Nicola Costantino, Politecnico di bari, 15-072</p> <p><i>The Value of Uncertainties in PPPs: a Real Options Approach in Infrastructure Projects in Brazil</i>, Rafael Silva, Leonardo Cordeiro, <b>Luiz E. Brandão</b>, PUC-Rio University, 15-103</p>	<p><b>Session 15: Infrastructure Management of PPP Projects</b> Classroom 203 Moderator: Bill Hale, TxDOT</p> <p><i>Dallas Horseshoe Project- Reconstruction of the Downtown Dallas Mixmaster- Project Update and Challenges</i>, <b>Ceason Clemens</b>, TxDOT</p> <p><i>Measuring Performance on P3 Projects Through a Systematic Requirements Management Program</i>, <b>David Brown</b>, Parsons Corporation, 15-039</p> <p><i>Selecting the Private Partner in Public Private Partnerships using fuzzy analytic network process</i>, <b>Hassan El Fathali</b>, Tarek Zayed, Osama Moselhi, Concordia University, 15-054</p> <p><i>Financial Promotion for Low Carbon Project Implementation Using Public-Private Partnerships (PPPs) During Highway Construction</i>, <b>Jianchang Liu</b>, Ministry of Transport, China, 15-095</p>
3:00-3:30 p.m.	Coffee Break		
3:30-5:00 p.m.	<p><b>Plenary Session</b> Amphitheater 204</p> <p><b>Moderator: Phil Russell</b> <b>Nicolas Rubio</b>, Cintra US <b>Pierce Homer</b>, Moffatt &amp; Nichol <b>Michael Parker</b>, Ernst &amp; Young LLP <b>Satheesh Sundararajan</b>, Public Private Infrastructure Advisory Facility (PPIAF), The World Bank</p>		
6:30-9:00 p.m.	<p><b>Conference Dinner</b> Dining Room 301</p>		

## Friday, May 29, 2015

7:30-8:30 a.m.	Continental Breakfast		
8:30-10:00 a.m.	<p><b>Session 16: Issues Pertinent to Specific Regions</b> Classroom 201 Moderator: Fidel Saenz, Ferrovia Agroman</p> <p><i>PPP Challenges: the Case of Spain, Cesar Queiroz, Alejandro Lopez Martinez, Claret Consulting LLC, 15-081</i></p> <p><i>Comparative Analysis of P3 Availability Payments in the USA and Canada, Ahmed Abdel Aziz, Khaled Abdelhalim, University of Washington, 15-086</i></p> <p><i>Renegotiation of Transportation Public-Private Partnerships: The U.S. Experience, Nobuhiko Daito, Lisardo Bolaños Fletes, Jonathan L. Gifford, George Mason University, 15-070</i></p> <p><i>Public-Private Partnerships in China Infrastructure Development: Experience and Challenges, Zhong Wang, Dalian University of Technology</i></p>	<p><b>Session 17: Future Directions of Financial Mechanisms</b> Classroom 202 Moderator: Rick Geddes, Cornell University</p> <p><i>Guarantees and Other Support Options for PPP Road Projects: Mitigating the Perception of Risks, Nozomi Tokiwa, Cesar Queiroz, World Bank, 15-027</i></p> <p><i>Benchmarking as a Tool to Encourage Efficiency and Innovation in Granted Infrastructure – Mathematical Methods, Felipe da Silva Medeiros, Luis Afonso dos Santos Senna, Agência Nacional de Transportes Terrestres, 15-090</i></p> <p><i>Open Public-Private Partnerships for Roadway Revenue Collection, Travis Dunn, Matthew Dorfman, D'Artagnan Consulting, 15-106</i></p> <p><i>Proposing an alternative to replace Minimum Revenue Guarantee in PPPs projects, Deog Sang Bae, Texas A&amp;M, 15-032</i></p>	<p><b>Session 18: Infrastructure Management of PPP Projects</b> Classroom 203 Moderator: Zhong Wang, Dalian University of Technology</p> <p><i>Sustainable Management of Road Maintenance through Mitigation of Pavement Damage Caused by Overloaded Heavy Vehicles, Koos Smit, South African National Roads Agency, 15-076</i></p> <p><i>Using Transportation Asset Management Information in Decision-Making for Public-Private Partnership Projects, Nima Kargah-Ostadi, James M. Sassin, Fugro Roadware, 15-088</i></p> <p><i>Infrastructure Asset Management in a large scale European PPP project, Mikkel Bruun, Pascal Laumet, AgileAssets, 15-048</i></p> <p><i>Project Asset Management for Pavement Assets under Performance Based Contracts, Zaid Alyami, Susan L. Tighe, University of Waterloo, 15-101</i></p>
10:00-10:30 a.m.	Coffee Break		
10:30-12:00 p.m.	<p><b>Closing Ceremony</b> Amphitheater 204 <b>Russell Zapalac</b>, TxDOT <b>Patricia de la Peña</b>, Nossaman LLP</p>		

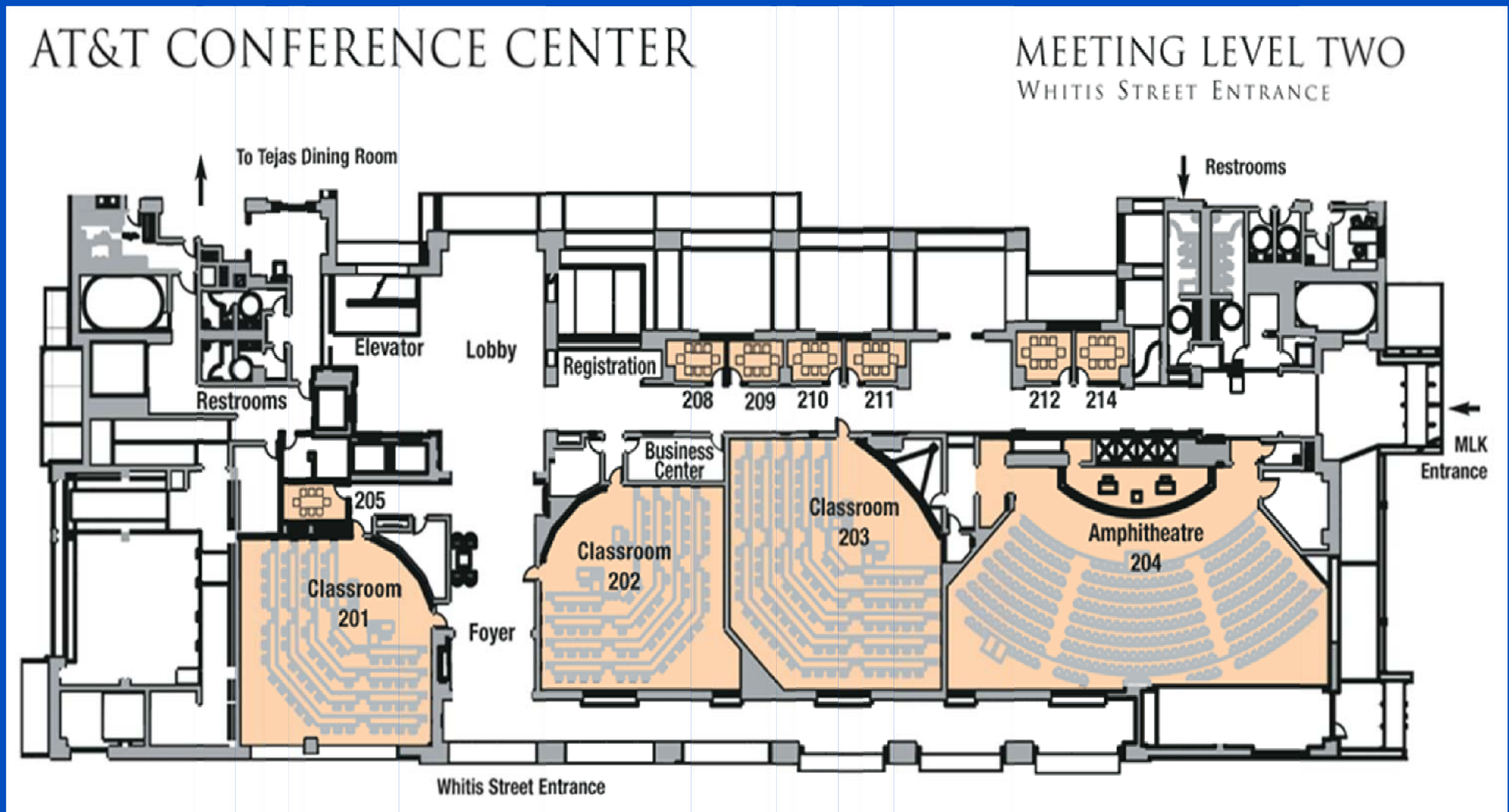




With US headquarters in **Austin, Texas**, Cintra is a subsidiary of Madrid-based Ferrovial. Cintra is the leading private-sector transportation infrastructure company in the world with experience spanning more than **45 years** of innovative infrastructure development on **three continents**. Today its portfolio includes more than **1,200 miles** of managed highways worldwide, representing a total global investment in roadway improvements of approximately **\$27 billion**. Cintra manages more than **\$10 billion** in infrastructure projects in the United States.

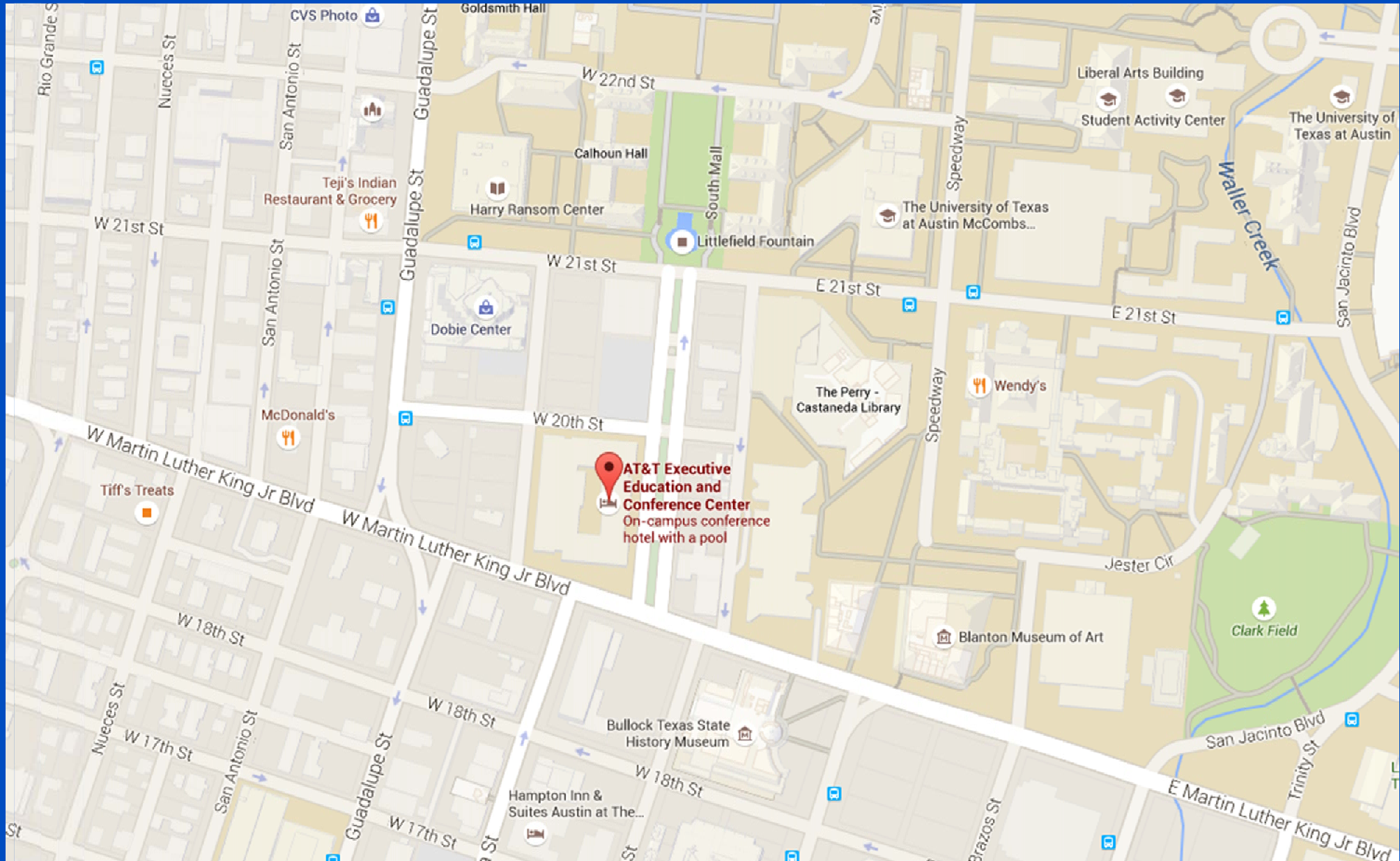


**All meetings will take place in the AT&T Conference Center.  
Please refer to the map below .**



# Located off of West Martin Luther King Blvd. and West 20th Street

## Right Next to the UT at Austin Campus

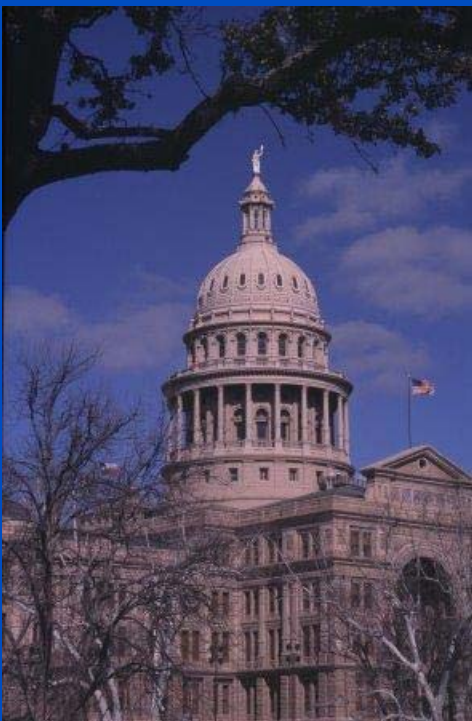




# Check out some of Austin's Local Attractions!

Austin, Texas is one of the fastest growing cities in the United States of America. Nestled in the heart of the Texas Hill Country, Austin has a breath-taking landscape sculpted by rolling hills to the west and blackland prairie to the east. The city is built on a unique geological formation of caves, bubbling streams, and contrasting landforms. This geography has shaped the city's culture, from cattle drives along the historic Chisholm Trail to the strategic construction of Interstate 35 in 1956, to the vibrant eco-culture that Austinites enjoy today. While you are here, we invite you to enjoy the city's natural beauty like locals do at Zilker Park, Barton Springs, the Botanical Gardens, or kayaking on Lady Bird Lake.

"Deep in the heart of Texas," Austin is a vibrant cultural nexus that offers something for everyone. While you are out and about, be stop for a moment at any one of the more than 250 regular venues sprinkled around the city to enjoy the live music that has helped Austin to earn the title "Live Music Capitol of the World." Austin is so well known for its live music that each year in March tens of thousands of music fans from all over the world come to attend SXSW and take in the Austin culture. Also, be sure to visit our award-winning restaurants and food trailers, whose culinary delights have been hailed on the Food Network and Travel Channel.



Photos Courtesy of Samuel Chang and The University of Texas at Austin

# ICPPP2015 Co-Sponsors





We provided advisory services for the first availability payment concession of a multi-asset project in the U.S., expediting the replacement of hundreds of bridges under a single contract.



**PENNDOT RAPID BRIDGE REPLACEMENT P3 ADVISORY**  
Statewide, PA | Services Comp.: 2015 | Const. Cost: \$1.1B

**Lochner MMM Group combines best practices with innovative solutions to address the unique challenges of transportation P3 projects.**

- Extensive résumé of major P3 highway, bridge, rail, and transit projects across North America.
- Proven systems and technology to expedite schedules and provide best value.
- *Public Works Financing* “Top Player in US P3 Market”.
- Advisory, program management, and design expertise.

**Contact:**

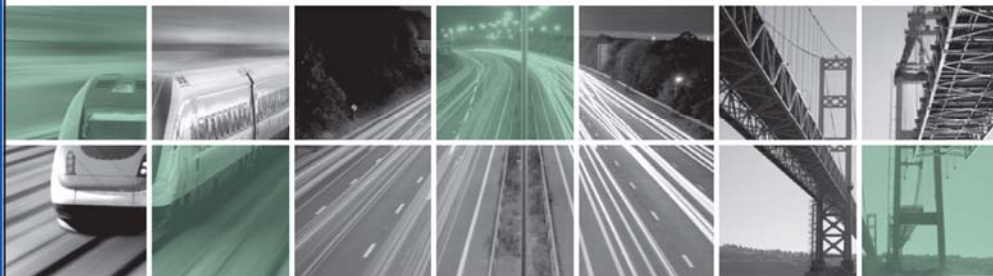
Phil Russell, PE, JD  
President & CEO

[phil.russell@lochnermmmgroup.com](mailto:phil.russell@lochnermmmgroup.com)



## INFRA INSIGHT

BLOGGING ABOUT INFRASTRUCTURE NEWS, POLICY, & INDUSTRY DEVELOPMENTS



**NOSSAMAN** LLP

[InfraInsightblog.com](http://InfraInsightblog.com)

# ICPPP | 2015 AUSTIN, TX

INTERNATIONAL CONFERENCE ON PUBLIC-PRIVATE PARTNERSHIPS