

AUGUST 30 – SEPTEMBER 2, 2015
DOUBLETREE HILTON

Dublin

IBTTA 83RD ANNUAL
MEETING & EXHIBITION

HOSTED BY



THE BUSINESS OF
MOBILITY

IBTTA
TOLLING. MOVING SMARTER.

INTERNATIONAL BRIDGE, TUNNEL AND TURNPIKE ASSOCIATION

PROGRAM

WELCOME TO DUBLIN,



Dear Friends and Colleagues,

Welcome to Dublin, Ireland for our 83rd Annual Meeting & Exhibition!

Dublin is one of the most dynamic and welcoming cities in the world. People from around the globe can trace their roots to Ireland. And whether you have roots in Ireland or not, this is a perfect time to explore its history, culture and vibrant future.

Content. The tolling industry's thought leaders will discuss the most pressing topics in the field. Learn about the rapid transformation of Ireland's road network in the first decade of the 21st Century. Hear experts discuss the latest technologies that will affect the movement of people and goods. Discover how very diverse urban areas are effectively managing traffic congestion. And understand how value added services are disrupting traditional assumptions about how transportation funding and financing may work in the future. Tuesday's breakout tracks offer a comprehensive look at the new ideas and practices that have swept our industry over the past year.

Reach. This is the world's largest, most significant toll industry gathering. Every discipline and role in toll facility operations and governance will be represented. In three days, you will tour the world of tolling, collecting pages of best practices and innovative ideas to apply in your own organization. And, as of this printing, there are presentations from 30 countries in attendance.

Contacts. This is the ultimate networking event. If one of your goals is to increase the number of people you know in the worldwide tolling industry, you won't be disappointed. Meet colleagues and new friends face-to-face and through social media. Use Twitter handle @IBTTA and #TollRoads. Spend time in our exhibit area and meet the people who offer the latest products and services for our industry.

We owe a great debt of thanks to the Dublin Meeting Planning Group and our gracious host, Transport Infrastructure Ireland (formerly known as National Roads Authority) who have worked tirelessly to bring you an outstanding experience.

Enjoy your time in Dublin. I'm looking forward to meeting you and to sharing a great experience over the next few days.

Enjoy!

A handwritten signature in black ink that reads "Javier Rodriguez".

Javier Rodriguez, P.E.

Executive Director, Miami-Dade Expressway Authority, Miami, Florida USA

IBTTA President

IRELAND!

About our Host



The Transport Infrastructure Ireland (TII) was established under the 2015 Roads Act. TII's mission is to deliver transport infrastructure and services, which contribute to the quality of life for the people of Ireland and support the country's economic growth, and ensure an integrated approach to the future development of the national roads network and the development of light rail.

In relation to the national road network, the first decade of the 21st Century witnessed the development of a modern and extensive road network in Ireland with the upgrade of the primary national network in Ireland – an engineering achievement that ranks with the great accomplishments of the past in Ireland, such as the development of the railway network, the development of the canal ways and the rural electrification of Ireland. This road upgrade programme, however, was no easy feat and it required billions of Euro in investment, tens of thousands of workers, innovative financing schemes and new technologies and the cooperation of many companies and organisations. During this programme, the TII delivered many new toll roads on the network including “free-flow” tolling on the M50 Motorway and arrangements and systems to promote interoperable electronic tolling nationwide. This new infrastructure has helped to improve Ireland's competitiveness on the world's economic stage, and provided much safer and easier travel for the public. www.tii.ie



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IBTTA BOARD OF DIRECTORS

EXECUTIVE COMMITTEE



President
Javier Rodriguez, P.E.
Miami-Dade Expressway Authority



First Vice President
Earl J. "Buddy" Croft, III
Rhode Island Turnpike and Bridge Authority



Second Vice President
Emanuela Stocchi
Associazione Italiana Società Concessionarie Autostrade e Trafori (AISCAT)



International Vice President
Malika Seddi
Association Professionnelle Autoroutes et Ouvrages à Péage (ASFA)



Immediate Past President
Mike Heiligenstein
Central Texas Regional Mobility Authority



Executive Director & CEO
Patrick Jones
International Bridge, Tunnel & Turnpike Association (IBTTA)



DIRECTORS

Gerald Carrigan
North Texas Tollway Authority

Mark Compton
Pennsylvania Turnpike Commission

Diane Gutierrez-Scaccetti
Florida's Turnpike Enterprise

Andrew Fremier
Metropolitan Transportation Commission; Bay Area Toll Authority

Cedrick Fulton
The Port Authority of New York & New Jersey

Samuel Johnson
Transportation Corridor Agencies

Peter Merfeld
Maine Turnpike Authority

Jean Mesqui
Association Professionnelle Autoroutes et Ouvrages à Péage (ASFA)

Katharine Nees
Texas Department of Transportation

Julián Núñez
SEOPAN

Robert Redding
MTA Bridges and Tunnels

Klaus Schierhackl
ASFINAG

Timothy Stewart
Oklahoma Turnpike Authority

Benton Tempas
Northwest Parkway LLC

Christopher Tomlinson
State Road & Tollway Authority

Joseph Waggoner
Tampa-Hillsborough Expressway Authority

Cynthia Ward
Metropolitan Washington Airports Authority

Anthony Yacobucci
Ohio Turnpike and Infrastructure Commission

HONORARY MEMBERS

2015 HONORARY MEMBER



Robert G. Horr, III

Robert G. Horr, III has been Executive Director of the Thousand Islands Bridge Authority (TIBA) since January 2003.

Prior, he was Deputy Executive Director and Director of Administration &

Operations. For the past 17 years, Rob has been responsible for the development, management and implementation of the annual operations and capital programs, as well as the general management and oversight of the day-to-day operations of the International Bridge System and Boldt Castle/Heart Island tourist attractions. Currently Rob serves on the Board of the U.S./Canada Public Border Operators Association, the IBTTA Foundation, Thousand Islands International Regional Tourism Development Corporation and the "Capital Corridor" Trade & Tourism Initiative. Rob served as President of IBTTA in 2013.

Prior to joining TIBA, Rob was the Director of Human Resources for the George Junior Republic, a residential treatment center for children and youth located in Freeville, NY. Rob has been active in public service having held two elected positions within his community, Justice of the Peace and Township Supervisor.



HONORARY MEMBERS

Michael C. Ascher
Anthony J. Barber*
José Manuel Basañez
Stanley J. Britton*
James Brookshire*
Paul Burnette
Susan A. Buse*
Lisa C. Callahan*
Carney J. Champion*
Jose Luis Ceron*
Oliver K. Compton, Jr.
Santiago Corral*
James A. Crawford
Ronald Cunningham
Henri Cyna*
Robert L. Davis
Ronald J. Delaney*
Antonio Diez de Rivera

John T. Driscoll*
James L. Ely*
Robert J. Farrell*
Jose Luis Ferreiro*
Jack Finn
William J. Flanagan*
R. D. Fogo*
E. R. Foley*
Daniel W. Greenbaum
Roger Ginocchi*
Jordi Graells*
James Griffin
John J. Hassett
Frank A. Howe
Allan V. Johnson*
Roy G. Lancaster*
Vincent L. Leonetti*
Lawrence J. Lewis*

Dale W. Luehring*
Burt H. Marshall
Jorge Masia Mas-Baga*
Stephen F. Mayer*
Frank McCartney*
William J. Miller, Jr.*
Jean Millier
Kodo Ogata
Mary Jane O'Meara*
K. C. Pearson*
Kenneth Philmus
D. Rafael del Pino y Moeno
Jean-Francois Poupinel*
Howard M. Reily*
Edward Regan
Vito Rocco*
Lawrence A. Rubin*
W. A. Rusch*

Franco Schepis*
Neil Schuster
Gordon Slaney
Steven Snider*
Charles H. Taylor*
Mary E. Turkington
Paul E. Violette*
Russell I. Wilcox*
Kary H. Witt*
John R. Woodruff*
Harold W. Worrall*
Norman H. Wuestefeld
George P. Zilocchi*
Bruce Zimmerman

*Also an IBTTA Past President

TOLL EXCELLENCE AWARDS



Monday, August 31, 2015
Morning

(Pembroke & Herbert Room)

Congratulations to the 2015 Toll Excellence Award winners! Join us as we present awards to the winners in each of the five Toll Excellence Award categories. This year, a new award category was added for IBTTA's associate and sustaining members—the Private Sector Innovation Award recognizes the contributions made by the private sector in support of the tolling industry. We will also award the prestigious President's Award for Excellence—but that decision remains a secret until the award ceremony. Read about these extraordinary projects and congratulations to all the winners below.

And the Award Winners are...

CUSTOMER SERVICE AND MARKETING OUTREACH

AGENCY

Taiwan Area National Freeway Bureau

PROJECT

Program for Transition from Manual Flat-Rate Pay-Per-Use Toll Collection to Electronic Distance-Based Toll Collection on Taiwan's Freeways



The Taiwan Area National Freeway Bureau introduced its electronic, distance-based toll collection system to increase fairness and equity across the highway network, boost operational efficiency, streamline traffic flow through variable pricing, and deliver superior accuracy. The agency introduced manual and electronic tolling in February 2006, followed by an eTag system in May 2012, and now averages 14 million transactions per day with a tolling accuracy rate of 99.97 percent and detection accuracy of 99.9 percent, the world's highest. The new system consists of 319 single gantries that feature a modular design for rapid deployment. It took only 10 months to install all the gantries, with no on-the-job accidents or loss in quality.

SOCIAL RESPONSIBILITY

AGENCY

Illinois Tollway

PROJECT

Partnership with The Chicago Lighthouse



In 2012, the Illinois Tollway entered a partnership with The Chicago Lighthouse to manage a new advanced Customer Service Call Center and provide jobs for members of underserved communities, people with disabilities and military veterans. The new call center opened in October 2013 and today provides jobs for 124 employees from underserved communities, including 66 people with disabilities and 55 military veterans. The center, which features numerous accommodations for employees who use wheelchairs or are visually impaired, handles 8,000 to 10,000 customer calls per day and processes 27,000 toll and violation payments per month. For its partnership with The Chicago Lighthouse, the Illinois Tollway was named 2015 Agency of the Year by the state's Interagency Committee on Employees with Disabilities.

TECHNOLOGY

AGENCY

Transurban

PROJECT

495 Express Lanes



Transurban and the Virginia Department of Transportation launched the 495 Express Lanes in November 2012 to reduce congestion and offer drivers more choices. The 14 miles of high-occupancy toll (HOT) lanes in Northern Virginia, the product of a public-private partnership, introduced new traffic patterns, a new E-ZPass® transponder and new rules of the road along one of the country's busiest and most technologically advanced highway corridors. A project budget of nearly \$2 billion, made possible through an innovative combination of public funding, federal financing and private partnerships, triggered a \$260 million investment to replace aging infrastructure, the most significant package of highway improvements the region had seen in a generation. The project included complete reconstruction of 58 interchange bridges and overpasses, many of them including new bicycle lanes and pedestrian walkways, as well as upgrades to 12 key interchanges and new access points at Merrifield and Tysons Corner, two of the region's most heavily-travelled shopping and employment destinations.

TOLL OPERATIONS, ENGINEERING & MAINTENANCE

AGENCY

New Jersey Turnpike Authority

PROJECT

Traffic Permitting and Lane Closure Application



The New Jersey Turnpike Authority introduced its traffic permitting and lane closure application to more efficiently manage the more than 850 weekly lane closure requests it receives. The electronic system replaces the previous paper-based method of collecting, resolving, and communicating requests and managing the associated traffic permits. The new operations infrastructure limits the authority's liability, provides speedy response and approvals to contractors and, most important, delivers timely, accurate lane closure information to the travelling public.

PRIVATE SECTOR INNOVATION

AGENCY

ETAN Industries

PROJECT

FastLane – The Financial Accountability Solution for Tolling



ETAN Industries delivered FastLane—The Financial Accountability Solution for Tolling in 2013, under an emergency procurement with the Miami-Dade Expressway Authority (MDX). The agency needed timely access to a complete toll-by-plate account management system, with clear financial accountability in the billing and collection process. The \$17 million project delivered flexible, reliable, accurate billing, consistent, accurate reconciliation of all financial accounts, full in-house access to current operational and financial data and superior customer service, allowing MDX to concentrate on its core expertise—building, operating and maintaining roadways.

2016 TOLL EXCELLENCE AWARDS

Start thinking of your innovative projects. Submissions open spring 2016.



MEETING PLANNING GROUP

Chief Meeting Organizers



Kevin Thibault, P.E.
Parsons Corporation
Tallahassee, Florida



Juan Toledo, P.E.
Miami-Dade Expressway Authority
Miami, Florida

Track Team Leaders

Business Track

Cynthia Ward, Metropolitan Washington Airports Authority

Mobility Track

James Anglin, HNTB Corporation

Technology Track

Thomas Knuckey, Atkins N.A.

Group Members

Francisco Bulhões, CCR S.A.

Susan Buse, SBuse Consulting

Mario Cecchi, WSP | Parsons Brinckerhoff, Inc.

William Crosse, N3 Toll Concession (Pty) Ltd.

Josef Czako, Kapsch TrafficCom

John Davis, ARUP

Bruno de la Fuente, SEOPAN

Thania Doogra-Chetty, N3 Toll Concession (Pty) Ltd.

Butch Eley, HDR | ICA

Alain Estiot, Toll Collect GmbH

Ron Fagan, Fagan Consulting

Guy Frémont, sanef

Jordi Graells, abertis

Kevin Hoeflich, HNTB Corporation

Jennifer King, HNTB Corporation

David Kollenhofer, ASFINAG

Pascal Lemonnier, Egis

Frank McCartney, WSP | Parsons Brinckerhoff, Inc.

Philip Miller, AECOM

Massoud Moradi, Atkins N.A.

Steve Morello, D'Artagnan Consulting

Richard Nelson, TxDOT

Fran O'Connor, Atkins N.A.

Mary Jane O'Meara, HNTB Corporation

Jeff O'Neil, AECOM

Dorri Raposa, HDR

Marc Raymer, TransCore

Ed Regan, CDM Smith

Hubert Resch, ASFINAG

Rosa Clausell Rountree, Egis Projects

Malika Seddi, ASFA

Steve Snider, Halifax Harbour Bridges

Fabio Stevanato, ASECAP

Emanuela Stocchi, AISCAT

Martin Stone, Egis Projects

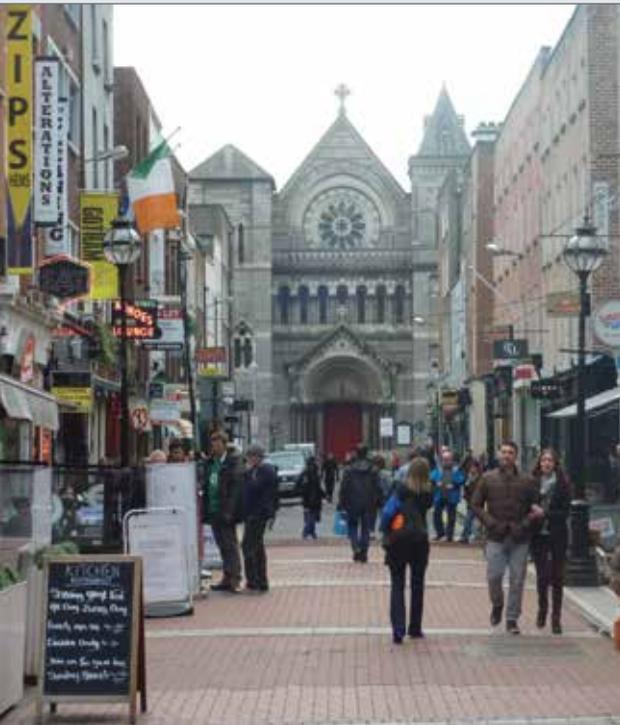
Daniel Toohey, Kapsch TrafficCom North America

Jeff Weiss, Traffic Technologies, Inc.

Maggie Wilkins, MPC Consulting

Jim Wilson, TransCore

Hal Worrall, Transportation Innovations, Inc.



FAST FACTS

BADGES

Badges are required to gain entry into all sessions and events. In consideration of other attendees, please wear your name badge to all scheduled functions.

White: Delegate (Member)
Orange: Delegate (Non-member)
Blue: Companion/Guest
Green: Exhibitor
Yellow: Media

CERTIFICATION MAINTENANCE (PE)

IBTTA will forward a certificate of attendance to all professional engineers who sign the attendance form at the IBTTA Registration Desk.

COMPETING EVENTS

It is against IBTTA policy for other organizations to schedule events or meetings at any time during the program.

CONSIDERATIONS

During the meeting, please silence all cellular phones and PDAs and take side conversations outside of the room.

DRESS

Business or business casual is encouraged for all sessions. Dress for other IBTTA events is noted next to the event description.

GUEST TOURS

Please see the IBTTA Registration Desk for questions and tour availability. See page 10 for additional tour information.

INTERNET ACCESS

Complimentary wireless internet is included in the room rate of the DoubleTree Hilton.

WiFi Network Name and password will be given to attendees onsite.

MEALS & EVENTS

Badges are required to attend all meals and events, including the Opening and Closing Events and are only included in the Delegate, Exhibitor and Companion/Guest registration fees.

Breakfast is included in the IBTTA room rate at the DoubleTree Hilton Burlington Road Hotel and will be served in the Sussex Restaurant (they will ask your room number). Lunches will be served exclusively for IBTTA delegates in the Sussex and B-Bar restaurants. Dessert and coffee will be served in the exhibit area.

MEDIA

Credentialed members of the media are permitted to attend sessions only and can be identified by yellow badges.

MEETING APP

Download the IBTTA Meetings app (available on the App Store, Google Play and Amazon Appstore) to view updated bios, photos, meeting rooms, notifications and more. See page 37 for all the details.



Scan this QR code with your smartphone to download the IBTTA Meetings app



MEMBER PUBLICATIONS AND COLLATERAL

All members of IBTTA are welcome to place their publications in the registration area.

NEW ATTENDEES

First-time attendees will have an aquamarine ribbon attached to their badge. New IBTTA members will have purple ribbons. Get to know your new colleagues and help introduce them to other IBTTA members.

PRESENTATIONS

PowerPoint presentations authorized for distribution will be available at within two weeks following the meeting. Please visit www.IBTTA.org/pastevents.

RECORDING OF SESSIONS

Personal recording of any session is strictly prohibited. IBTTA reserves the right to video and record sessions for purposes of on-demand viewing.

SATISFACTION SURVEY

Please help IBTTA improve future meetings by completing the survey that will be emailed to you following the meeting.

SPECIAL ACCOMMODATIONS

If you need special accommodations to fully participate in IBTTA events, please notify the staff at the IBTTA Registration Desk.

SPONSOR INFORMATION

Please support our generous sponsors by reviewing the material on the designated sponsor tables in the registration area.

THEMATIC REPORT

A written thematic report will be sent to all attendees and posted in the Events section of the IBTTA website.

The Annual Meeting Thematic Report will be a special report sponsored by: **ARUP**

TECHNICAL TOURS

M50 Motorway – eFlow Barrier-Free Tolling



Sunday, August 30, 2015
9:00am – Noon
Meet in Hotel Lobby at 8:45am
Fee: \$40.00
Dress: Business Casual/Casual

Port Tunnel – Operations Control Centre & National Roads Traffic Control Centre



Sunday, August 30, 2015
9:00am – Noon
Meet in Hotel Lobby at 8:45am
Fee: \$40.00
Dress: Business Casual/Casual

GUEST TOURS

City of Dublin – Bus & Walking Tour



Sunday, August 30, 2015
9:00am – Noon
Meet in Hotel Lobby at 8:45am
Fee: \$45.00
Dress: Casual

Dublin is one of Europe's oldest cities. While retaining its historical and cultural charms, Dublin offers trendy bars, elegant restaurants and stylish, cosmopolitan shops and hotels. There's never been a better time to visit Dublin, a city that is rivalling Europe's elite for hip appeal! With a mixture of walking and driving, you'll visit iconic Dublin sites such as the Phoenix Park, Trinity College, the Georgian Squares and a guided visit to St. Patrick's Cathedral.

Wicklow – Glendalough & Powerscourt Estate



Tuesday, September 1, 2015
10:00am – 5:30pm
Meet in Hotel Lobby at 9:45am
Fee: \$112.00 – Lunch Included
Dress: Casual

The Garden of Ireland highlights some of the best scenery, gardens and views in Ireland. Your first stop will be at the Lower Lake of Glendalough and you will walk up to the Upper Lake and take in the history of the area. Glendalough gets its name from the Irish language. Gleann dá locha literally means the 'Glen of the two lakes.' After lunch continue on to Powerscourt Estate. Powerscourt is one of the most beautiful country estates in Ireland. Learn more at: www.powerscourt.com.

North Dublin Experience



Monday, August 31, 2015
10:00am – 4:30pm
Meet in Hotel Lobby at 9:45am
Fee: \$120.00 – Lunch Included
Dress: Casual

The day will start at Malahide Castle, which was both a fortress and a private home for nearly 800 years. Leaving Malahide you will continue on the short journey to Howth where you will stop for lunch. After lunch, we will continue to the Summit of Howth Head to relax before heading to Casino Marino. The Casino Marino is one of the finest 18th century neo-classical buildings in Europe. Learn more at: www.malahidecastleandgardens.ie and www.marino.ie.

Fabulous Food Trail



Wednesday, September 2, 2015
2:00pm – 4:30pm
Meet in Hotel Lobby at 1:45pm
Fee: \$73.00
Dress: Casual

Experienced and knowledgeable guides bring you to the lesser known, local favorites that will open your eyes to the very best Irish food. We'll visit bread shops, food halls, street markets, cheese mongers, fishmongers, butchers, bakers and lots more depending on the day. Best of all, you'll meet the people whose families have traded in the area for generations and still produce wonderful food. This 2.5-hour stroll has many stops with frequent, generous tastings along the way.

Boyne Valley



Monday, August 31, 2015
10:00am – 4:30pm
Meet in Hotel Lobby at 9:45am
Fee: \$110.00 – Lunch Included
Dress: Casual

The Boyne Valley, located in Northeast Ireland and encompassing counties Louth and Meath, is a World Heritage Site and is the largest and one of the most important prehistoric megalithic sites in Europe. Attractions include Newgrange, Ireland's most famous pre-historic site, which is possibly the finest example of a passage grave in Western Europe dating from 3000 B.C. www.theboynevalley.com

IMPORTANT NOTES:

- There are no returns or exchanges for booked tours.
- All tours include some walking. Participants are encouraged to wear comfortable shoes and dress for the weather. Tours will take place rain or shine.

HOURS & TRANSPORTATION

HOURS OF OPERATION

REGISTRATION

The IBTTA Registration Desk is located in the **Foyer on the ground floor**.

Sunday, August 30	7:30am – 9:30am 2:00pm – 6:00pm
Monday, August 31	7:30am – 5:30pm
Tuesday, September 1	7:30am – 5:30pm
Wednesday, September 2.....	7:30am – 11:30am

SPEAKER REHEARSALS & PRESENTATION DROP-OFF

Cheryle Arnold, IBTTA Conference Production Manager, will be available in the **Pembroke & Herbert Room** during the following hours to assist you with your presentation:

Sunday, August 30	9:00am – 4:00pm
Monday, August 31	6:00am – 5:30pm
Tuesday, September 1	6:00am – 5:30pm

EXHIBITS

The Exhibit area hours are as follows:

SUNDAY, AUGUST 30

Set Up.....	8:00am – 6:00pm
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MONDAY, AUGUST 31

Refreshment Break.....	10:30am – 11:00am
Dessert Following Lunch	1:00pm – 2:00pm
Refreshment Break.....	3:30pm – 4:00pm
Reception with Exhibits.....	5:30pm – 7:00pm

TUESDAY, SEPTEMBER 1

Refreshment Break.....	10:00am – 10:30am
Dessert Following Lunch	1:00pm – 2:00pm
Refreshment Break.....	3:30pm – 4:00pm
Tear Down	5:30pm – 7:00pm

>> Please note: the Exhibit area is open throughout the conference for one-on-one meetings. <<

TOUR TRANSPORTATION SCHEDULE

All tours depart from the DoubleTree Hilton Lobby. Tickets are required for all tours. Information on tour availability can be found at the IBTTA Registration Desk.

SUNDAY, AUGUST 30

	Meet	Depart
Technical Tour: M50 Motorway	8:45am	9:00am
Technical Tour: Port Tunnel	8:45am	9:00am
City Tour of Dublin	8:45am	9:00am

MONDAY, AUGUST 31

Guest Tour: North Dublin Experience	9:45am	10:00am
Guest Tour: Boyne Valley	9:45am	10:00am

TUESDAY, SEPTEMBER 1

Guest Tour: Wicklow–Glendalaugh & Powerscourt Estate	9:45am	10:00am
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WEDNESDAY, SEPTEMBER 2

Guest Tour: Fabulous Food Trail	1:45pm	2:00pm
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KEYNOTE SPEAKER

BEN SAUNDERS

Polar Explorer and Endurance Athlete

Monday, August 31, 2015

11:00am

(Pembroke & Herbert Room)

Sponsored by: **AECOM**

“I am an explorer of limits – geographically, physically and mentally. It’s about pure human endeavour, and the way in which I can inspire others to explore their own personal potential.”



Polar explorer and world record-breaking long-distance skier Ben Saunders is a man who is making history. Best known for leading one of the most ambitious polar expeditions in a century, he was the first to successfully complete the epic, 105-day, 1,800-mile trek on foot to retrace Captain Robert Falcon Scott’s ill-fated, early 20th-century journey to the South Pole – equivalent to running 69 marathons back to back. Of his expedition he said, “We can all accomplish great feats through ambition, passion, stubbornness and refusal to quit. If you dream something hard enough, it does indeed come to pass.”

A speaker at the 2005, 2012 and 2014 TED conferences, he was labeled “a master story teller” by TED. Believing that “No one else is an authority on your potential” and “Impossible is just someone’s opinion,” Saunders combines the allure and nostalgia of 20th century explorers with the ingenuity of today’s modern adventurers. His presentation takes you to the ends of the Earth and back and showcases spectacular visuals, a commanding stage presence, a winning smile, and funny and relatable stories.

He entralls audiences as he touches on themes like challenging conventional wisdom, pushing past self-imposed limits, the disconnect between ideas and action, communicating with your team, and managing change (the landscapes he travels are in constant flux). Exclusively represented by Leading Authorities speakers bureau, he jokes that he makes a living by dragging heavy things in cold places, but his message

is one of inspiration, empowerment, and boundless potential. Saunders has also developed innovative technologies that allow him to live blog his adventures and he is known for his incredible pictures and video.

To the Poles and Back Again. Saunders has accomplished some of the world’s most impressive polar expeditions. He has five North Pole expeditions under his belt. He is the youngest person to ski solo to the North Pole and holds the record for the longest solo Arctic journey by a Briton. He also holds the record for the longest human-powered polar journey in history and is the third in history and the youngest by 10 years to reach the North Pole alone and on foot. Since 2001, he has skied more than 3,730 miles (or 142 marathons) in the Polar regions.

A Man of Adventure. Saunders is a powerful advocate for the natural world. He has seen first-hand the effects of climate change, and his expeditions are raising awareness for sustainable solutions. He has also climbed in the Nepalese Himalayas, worked as an instructor at the John Ridgway School of Adventure, raced bikes at a national level, and run seven marathons and three ultra-marathons.

While not pulling a sledge, Saunders has contributed to a number of publications and is releasing a book in conjunction with TED, in which he “will unravel mysterious roots of perseverance, and share ideas about traits we all possess that allow us to tap into our deepest store of tenacity.”

2015 LEADERSHIP ACADEMY



The 2015 class of the IBTTA Leadership Academy's Executive Development Program attended the intensive weeklong program February 8-13, 2015, in Washington, DC. In its eighth year, this annual course included a Leadership Workshop and covered topics such as Partnering for Better Results, The Business of Tolling, Visioning the Future for Transportation, Managing a Work-life Balance and an Executive Director Roundtable. The Leadership Academy is funded by contributions to the IBTTA Foundation.



Leadership Academy Class of 2015 – Standing (left to right): Frank Long, Marc Hustad, Diedre Parish, Joe Clavelle, Don Steele, Kevin Palmer, Andrew Peppard, Nathan Burda, Lev Pinelis, José Morales Fernández, Frank Kjelsi, Randolph Brown, Firmino Pedro Inguane, Andrew Cadmus, Shimon Avraham, Justin Word, Michael MacNeil, David Talley, Daniel Jacobs, Stephen Larkins, Eric Becker, Aaron Autry, Mary Biswell, Rick DiTullio; Seated (left to right): Theresia Trevino, Jaime Heitman, Lisa Telles, Katheryn Coleman, Lauren Hakos, Francine Steelman, Lynn Valdivia, Patty Rubstello, Mary Sallach, Christine Siminton.



Apply to be part of the 2016 Leadership Academy

Applications for the class of 2016 are available now at www.IBTTA.org. The deadline to apply for admission is November 1, 2015. The IBTTA Leadership Academy will be held in Washington, DC, February 7 through 12, 2016. Pick up a Leadership Academy brochure at the IBTTA Registration Desk or online at www.IBTTA.org.

EVENT HIGHLIGHTS

Welcome Reception For New Members and First-Time Attendees

Sunday, August 30, 2015
3:00pm – 5:00pm
Included in registration fee
Attire: Business Casual
Sussex Restaurant



If you are a new IBTTA member or if this will be your first-ever IBTTA Annual Meeting, make the most of your experience and attend this informal reception. Meet IBTTA Officers, Board of Directors and staff and learn how to take advantage of your IBTTA membership and make the most of your Annual Meeting experience!

Sunrise Walk

Monday – Wednesday
6:00am – 7:00am
Meet in lobby



Start your day with an energizing walk with your colleagues! Each morning, we'll pick a route in a park or through the city of Dublin. Pack your workout clothes, your walking/running shoes, your camera and join the group!

OPENING EVENT Guinness Storehouse

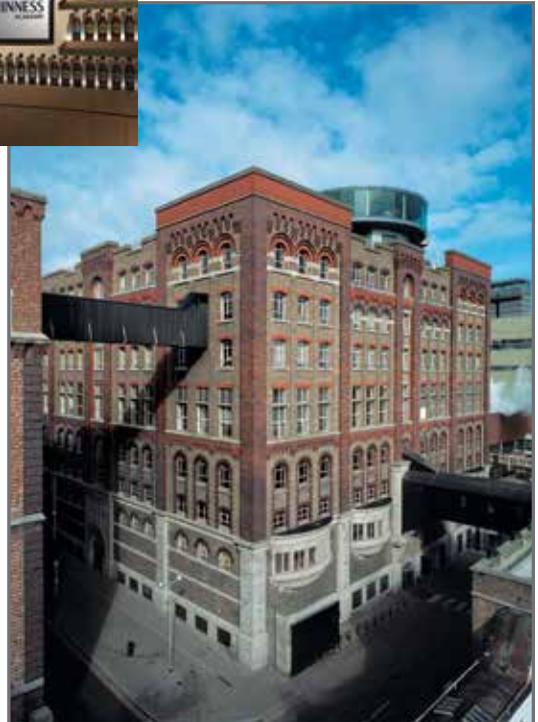
Sunday, August 30, 2015
7:00pm – 10:00pm
Included in registration fee
Attire: Casual
Transportation: Buses load at 6:45pm



What better way to start the meeting than with Ireland's famous hospitality, food, music, conversation and 'craic' at the Guinness Storehouse – home of the drink that is famous around the world. You'll enjoy traditional Irish music as well as receive an in-depth appreciation of how Guinness is made (and tastes). You'll also get the chance to pour or 'pull' your own pint! The night offers an informal setting with areas available for networking with friends and colleagues. And did we mention the view from the Storehouse's Gravity Bar? Don't miss an opportunity to take in the best panoramic views Dublin has to offer. Sláinte!

www.guinness-storehouse.com

Sponsored by: **TRANSCORE** and **tti**
CONSULTING



EVENING RECEPTION WITH EXHIBITORS

Monday, August 31, 2015
5:30pm – 7:00pm
Included in registration fee
Exhibit Area

The reception in the Exhibit area takes place Monday evening following the sessions. This is a perfect opportunity to wander through the exhibit area without having to run off to your next session. Spend some dedicated (but fun) time learning about the latest products and services, reconnecting with suppliers and consultants and meeting lots of new companies who have ideas for improving your business.

Sponsored by:  **egis**



CLOSING RECEPTION & DINNER

Wednesday, September 2, 2015
6:30pm – 9:30pm
Included in registration fee
Attire: Cocktail (Kilts Welcome!)
Pembroke & Herbert Room

Spend the evening celebrating our time in Dublin during the closing of our Annual Meeting & Exhibition. If you've attended this closing event before, you know that it's always a lot of fun; if this is your first time joining us, you'll quickly learn that it's always special. We hope to see you there to thank you and hear your reflections about the meeting. After dinner, join us to show off all the Irish dances you've learned during your time in Dublin.



Sponsored by: 

PROGRAM AGENDA

IBTTA BOARD OF DIRECTORS & GOVERNANCE MEETINGS

THURSDAY, AUGUST 27

10:00am – 3:00pm

IBTTA Executive Committee Meeting
(by invitation)

3:00pm – 5:00pm

Platinum Sponsors Ideas Roundtable
(by invitation)

FRIDAY, AUGUST 28

9:00am – 5:00pm

IBTTA Board of Directors & Committee Meetings
(all members welcome)

6:30pm – 10:00pm

IBTTA Board, Past Presidents, Honorary Members & Host Dinner
(by invitation)

SATURDAY, AUGUST 29

9:00am – 11:00am

IBTTA Board of Directors Meeting
(all members welcome)



IBTTA 83rd Annual Meeting & Exhibition

Audio-Visual Production sponsored by: **ATKINS**

SUNDAY, AUGUST 30

7:30am – 9:30am & 2:00pm – 6:00pm
REGISTRATION & WELCOME CENTER

Foyer

8:00am – 6:00pm
EXHIBIT SET UP

Exhibit Area

9:00am – Noon
TECHNICAL TOURS

– M50 Motorway
– Port Tunnel
(see page 10 for details)

9:00am – Noon
CITY TOUR OF DUBLIN
(see page 10 for details)

1:00pm – 3:00pm
EXECUTIVE ROUNDTABLES
Meeting Room 3

3:00pm – 5:00pm
WELCOME RECEPTION
New Members & First-Time Attendees
(see page 14 for details)
Sussex Restaurant

7:00pm – 10:00pm
OPENING EVENT
Guinness Storehouse
(see page 14 for details)

Sponsored by: **TRANSCORE** and **tti**



MONDAY, AUGUST 31

6:00am – 7:00am
SUNRISE WALK
Lobby

6:00am – 8:30am
BREAKFAST IN THE HOTEL RESTAURANT
(Included in room rate for DoubleTree Hilton hotel guests.)

7:30am – 5:30pm
REGISTRATION & WELCOME CENTER
Foyer

8:30am – 10:30am

WELCOMING REMARKS

Pembroke & Herbert Room

Patrick Jones, Executive Director & CEO, IBTTA, Washington, DC

Javier Rodriguez, P.E., Executive Director, Miami-Dade Expressway Authority and President, IBTTA, Miami, Florida

Nigel O'Neill, Director of Commercial Operations, Transport Infrastructure Ireland (TII), Dublin, Ireland

Fabrizio Palenzona, President, ASECAP, Rome, Italy

PENNSYLVANIA TURNPIKE – 75TH ANNIVERSARY

Pembroke & Herbert Room

TOLL EXCELLENCE AWARDS CEREMONY

Pembroke & Herbert Room

Tim Stewart, Executive Director, Oklahoma Turnpike Authority, Oklahoma City, Oklahoma

10:00am – 4:30pm

GUEST TOURS

– North Dublin Experience

– Boyne Valley

(see page 10 for details)

10:30am – 11:00am

REFRESHMENT BREAK WITH EXHIBITS

Exhibit Area

11:00am – Noon

KEYNOTE PRESENTATION

Pembroke & Herbert Room

Ben Saunders, Polar Explorer, Endurance Athlete, London, England
(see page 12 for bio)

Sponsored by: 

Noon – 1:00pm

LUNCH

Hotel Restaurants

Sponsored by: 

1:00pm – 2:00pm

DESSERT/COFFEE WITH EXHIBITS

Exhibit Area

Sponsored by: 

2:00PM – 3:30PM

GENERAL SESSION

TOLLING IN IRELAND

Pembroke & Herbert Room

MODERATOR: Cathal Masterson, Head of Tolling, Transport Infrastructure Ireland (TII), Dublin, Ireland

Rachel Cahill, Tolling Chief Financial Officer, Transport Infrastructure Ireland (TII), Dublin, Ireland

Michael Kennedy, Head of PPP Procurement, Transport Infrastructure Ireland (TII), Dublin, Ireland

Mary Deevy, Senior Archaeologist, Transport Infrastructure Ireland (TII), Dublin, Ireland

3:30pm – 4:00pm

REFRESHMENT BREAK WITH EXHIBITS

Exhibit Area

4:00PM – 5:30PM

GENERAL SESSION

INNOVATION: THE TRANSPORTATION CLASSROOM

Pembroke & Herbert Room

INTRODUCTION: Maggie Wilkins, President, MPC Consulting, Wilmington, Delaware

MODERATOR: Josef Czako, Vice President, International Business Development, Kapsch TrafficCom, Vienna, Austria

PROFESSORS:

Is There a Highway to Hell But Only a Stairway to Heaven? Is the Tolling Industry a Showstopper?

Dr. George Hauger, Professor, Vienna University of Technology, Vienna, Austria

The Puzzling World of Transportation

Steve Mayer, Ph.D., P.E., Vice President, Strategy & Development, Parsons Corporation, East Aurora, New York

TEAMS

BUSINESS TEAM:

Team Leader:

Ali Vaezi, Senior Vice President, Dewberry, Bloomfield, New Jersey

Team Members:

James Harris, Partner, Linebarger Goggan Law Firm, Houston, Texas

Cyndi Ward, Manager, Metropolitan Washington Airports Authority, Herndon, Virginia

Expert:

John McCuskey, Executive Director, E-470 Public Highway Authority, Aurora, Colorado

PROGRAM AGENDA

MOBILITY TEAM:

Team Leader:

Kevin Hoeflich, P.E., Toll Market Practice Leader, HNTB Corporation, Longwood, Florida

Team Members:

Clayton Howe, Vice President, Business Development, SWC Group, Carrollton, Texas

Pamela Leslie, President, Transportation Management & Policy Consultants, Tallahassee, Florida

Jim Wilson, Senior Vice President, Regional Manager, TransCore, Orlando, Florida

TECHNOLOGY TEAM:

Team Leader:

Frank Long, Director, JAI Traffic Solutions, JAI, San Jose, California

Team Members:

Mike Davis, Vice President, National Toll Leader, RS&H, Orlando, Florida

Eric Hunn, VP Collections, Tolling and DMV Services, Duncan Solutions, Milwaukee, Wisconsin

Expert:

Tom Knuckey, National Tolls Technology Group Director, Atkins, Orlando, Florida

5:30pm – 7:00pm

RECEPTION WITH EXHIBITS

Exhibit Area

Sponsored by: 

TUESDAY, SEPTEMBER 1

6:00am – 7:00am

SUNRISE WALK

Lobby

6:00am – 8:30am

BREAKFAST IN THE HOTEL RESTAURANT

(Included in room rate for DoubleTree Hilton hotel guests.)

7:30am – 5:30pm

REGISTRATION & WELCOME CENTER

Foyer

8:30AM – 10:00AM

GENERAL SESSION

ECONOMIC, POLICY & TECHNOLOGY ISSUES AFFECTING MOBILITY IN THE FUTURE

Pembroke & Herbert Room

MODERATOR: Hal Worrall, Ph.D., P.E., President, Transportation Innovations, Orlando, Florida

Tolling New Capacity – An Important Policy Direction for Florida DOT Interoperability

Ed Regan, Senior Vice President, CDM Smith, Columbia, South Carolina

Autonomous Driving – A Vision Becomes a Reality – The Impact on Road Operations

Klaus Schierhackl, Executive Director, ASFINAG, Vienna, Austria

Exogenous Factors Impacting the Success of ORT/AET Toll Roads
Salahdin Yacoubi, CEO and Head of Tolling, Yacoubi Consulting Associates Limited, Cape Town, South Africa

Using Tolling to Improve Mobility in Large Urban Areas

André Broto, Director of Foresight and Strategy, Vinci Autoroutes, Rueil Malmaison, France

Mobility Depends on Network Integration – The Initiative of Integrating Greek Tollways

Bill Halkias, P.E., President, HELLASTRON (Hellenic Association of Toll Road Network), Athens, Greece

Construction, Development & Operation Planning of China's ETC Network

Li Jian, Deputy Director, Account Settlement Management Center of Toll Roads Network, Highway Monitoring & Response Center, Ministry of Transport of the People's Republic of China, Beijing, China

10:00am – 10:30am

REFRESHMENT BREAK WITH EXHIBITS

Exhibit Area

10:00am – 5:30pm

GUEST TOUR

Wicklow – Glendalough & Powerscourt Estate

(see page 10 for details)



There are three concurrent tracks running throughout the day.

10:30AM – NOON

BREAKOUT SESSIONS

BUSINESS TRACK

Meeting Room 1 & 2

THE ECONOMICS OF THE WORLD'S TRANSPORTATION SYSTEM – FUEL FOR THOUGHT

MODERATOR: Susan Buse, President, SBuse Consulting, Dallas, Texas

Analysis of Traffic Forecast Accuracy Over Time

Saavan Gatfield, Senior Director, Global Infrastructure & Project Finance Group, Fitch Ratings, New York, New York

Benchmarking Study of the Tolling Industry

Michele Connolly, Partner, KPMG Corporate Finance, Dublin, Ireland

Laguna Lakeshore Expressway: Innovations to Finance the Philippines Biggest Toll Road

Maria Catalina Cabral, Undersecretary for Planning and Public-Private Partnership (PPP), Department of Public Works and Highways, Manila, Philippines

Toll Road Sector Financing Alternatives – More Than One Way to Get From A to B

Andrew Blease, Associate Managing Director, Infrastructure Finance Group, Moody's Investors Service, London, United Kingdom

MOBILITY TRACK

Pembroke Room

INTEGRATED CORRIDOR MANAGEMENT

MODERATOR: Mike Heiligenstein, Executive Director, Central Texas Regional Mobility Authority, Austin, Texas

Integrated Incident Management Using Mobility Solutions – Experience & Lessons Learned

Christos Koulouris, CEO, Invision Consulting SA, Athens, Greece

Financing the Integration of System Networks

Christopher Mwalwanda, Vice President, CDM Smith, Austin, Texas

The I-4 Corridor – The Transportation Backbone of Central Florida

Diane Gutierrez-Scaccetti, Executive Director, Florida's Turnpike Enterprise, Ocoee, Florida

Bay Area Incident Management

Andrew Fremier, P.E., Deputy Executive Director, Bay Area Toll Authority, Metropolitan Transportation Commission, Oakland, California

TECHNOLOGY TRACK

Herbert Room

TECHNOLOGIES THAT WILL CHANGE THE BUSINESS OF MOBILITY IN THE FUTURE

MODERATOR: Joe Waggoner, Executive Director/CEO, Tampa-Hillsborough Expressway, Tampa, Florida

Connected Vehicle Infrastructure Deployment Considerations & Benefits

Jim Barbaresso, Vice President and National ITS Practice Leader, HNTB Corporation, Detroit, Michigan

EasyGo®, a Means to Contribute to the Implementation of EETS

Søren Rasmussen, Senior Specialist, Toll Systems, Sund & Baelt Holding A/S, Copenhagen, Denmark

Remote Communication with a Vehicle's Processor Utilizing ISO 18000-6C

Bruce Roesner, Ph.D., Founder, V Track ID, Banner Elk, North Carolina

Noon – 1:00pm

LUNCH

Hotel Restaurants

Sponsored by: 

1:00pm – 2:00pm

DESSERT/COFFEE WITH EXHIBITS

Exhibit Area

Sponsored by: 

2:00PM – 3:30PM

BREAKOUT SESSIONS

BUSINESS TRACK

Meeting Room 1 & 2

PROCUREMENT, CONTRACTING & CREATIVE COMPETITION

MODERATOR: Luz Weinberg, Board Member, Miami-Dade Expressway Authority, Miami, Florida

Directive on Setting EU Procurement Regulations

Bruno de la Fuente, Executive Director, SEOPAN, Madrid, Spain

Combined System & Operations Procurements – “The Myth of One Throat to Choke”

Scott Sorensen, Vice President, Electronic Toll Operations, Faneuil, Inc., Hampton, Virginia

Transforming the Traditional Tolling Model to Unlock Business Value

Willy Dommen, Senior Manager, Accenture, San Francisco, California

Public-Private Partnerships in Tajikistan – an Economic Imperative

Hal Worrall, Ph.D., P.E., President, Transportation Innovations, Orlando, Florida

PROGRAM AGENDA

MOBILITY TRACK

Pembroke Room

TRAFFIC INCIDENTS AND INCIDENT RESPONSE PLANS

MODERATOR: Malika Seddi, Director of International Affairs, ASFA, Paris, France

Diversion Route Strategy & Coordination

Kevin O'Sullivan, Associate, Arup, Dublin, Ireland

Improving Road Safety

Eric Offenber, P.E., Chief Engineer, Safety & Security, Rhode Island Turnpike and Bridge Authority, Newport, Rhode Island

Deployment of Moveable Median Barriers on the Golden Gate Bridge

Kary Witt, Bridge Manager, Golden Gate Bridge, Highway & Transportation District, San Francisco, California

TECHNOLOGY TRACK

Herbert Room

TECHNOLOGY & SECURITY IN THE EVOLVING TOLL INDUSTRY

Note: This will be a special interactive session with multiple topics and roundtables.

MODERATOR: Alain Estiot, Chief Quality Officer, Toll Collect, Berlin, Germany

SUBJECT MATTER EXPERT PANELISTS:

P.J. Wilkins, Executive Director, The E-ZPass Group, Wilmington, Delaware

Michael Bonsignore, Chief Technical Officer, Rhode Island Turnpike and Bridge Authority, Newport, Rhode Island

Dario Thober, President, Wernher Von Braun Center for Advanced Research, São Paulo, Brazil

Ken Philmus, Senior Vice President, Transportation Services Group, Xerox, Matawan, New Jersey

3:30pm – 4:00pm

REFRESHMENT BREAK WITH EXHIBITS

Exhibit Area



4:00PM – 5:30PM

BREAKOUT SESSIONS

BUSINESS TRACK

Meeting Room 1 & 2

VALUE-ADDED SERVICES – WIN, WIN, WIN SCENARIOS

MODERATOR: Steve Morello, Senior Partner, D'Artagnan Consulting, Seattle, Washington

Interoperability & the Role of an Independent Tag Provider in Ireland

Colin Delaney, General Manager, Easytrip, Dublin, Ireland

Exploring the Opportunities and Business Models for VAS in the Future Mobility Pricing Market

Frederic Bruneteau, Managing Director, PTOLEMUS Consulting Group, Brussels, Belgium

Servicing the Whole Customer – Integrating Violations & Account Management

Kathryn Coleman, ETC Manager, Rhode Island Turnpike and Bridge Authority, Newport, Rhode Island

National & Cross-Border Tolling Interoperability – France/Spain Case Study

Arnaud Carchon, General Manager, Cofiroute UK, Vinci Concessions, Rueil Malmaison, France

MOBILITY TRACK

Pembroke Room

SERVICE LEVEL IMPROVEMENTS ON CONGESTED TOLL FACILITIES

MODERATOR: Dan Toohey, Vice President, Sales, Kapsch TrafficCom North America, Wilmington, Delaware

Dealing with the Challenges of an Open Road Tolling Conversion in an Urban Environment

Juan Toledo, P.E., Deputy Executive Director/Director of Engineering, Miami-Dade Expressway Authority, Miami, Florida

Expedited Mobility Improvements

Tim Stewart, Executive Director, Oklahoma Turnpike Authority, Oklahoma City, Oklahoma

TECHNOLOGY TRACK

Herbert Room

EMERGING TECHNOLOGIES THAT MAKE THE BUSINESS OF MOBILITY MORE EFFICIENT

MODERATOR: **Martin Stone, Ph.D., AICP**, General Manager, Egis Projects, Orlando, Florida

Improving Automatic Vehicle Detection & Classification in AET

Michael Maitland, Solution Manager, ETC Lanes & MOMS, Kapsch TrafficCom IVHS, McLean, Virginia

Protecting the Borders – A Balance of Throughput & National Security

John Dalton, President and CEO, Perceptics, Farragut, Tennessee

Image-Based Vehicle Identification in AET – Creating Business Efficiency by Design

Kym Farrell, Technical Director, Managed Services, Q-Free ASA, Trondheim, Norway

Technology Refresh After a Decade of Single-Gantry Free-Flow Tolling in Germany

Matthias Prick, Head of Tolling Sales, Traffic Technology, Vitronic, Wiesbaden, Germany

5:30pm – 7:00pm

EXHIBIT TEAR DOWN

WEDNESDAY, SEPTEMBER 2

6:00am – 7:00am

SUNRISE WALK

Lobby

6:00am – 9:00am

BREAKFAST IN THE HOTEL RESTAURANT

(Included in room rate for DoubleTree Hilton hotel guests.)

7:30am – 11:30am

REGISTRATION & WELCOME CENTER

Exhibit Area

9:00am – 9:30am

IBTTA BUSINESS MEETING

Pembroke & Herbert Room

- Financial Report
- Election of Officers & Directors
- IBTTA Executive Director/CEO Report

9:30am – 10:00am

PREVIEW OF THE 2016 ANNUAL MEETING IN DENVER, COLORADO

Pembroke & Herbert Room

John McCuskey, Executive Director, E-470 Public Highway Authority, Aurora, CO

10:00AM – 11:30AM

GENERAL SESSION

A TRIP INTO THE FUTURE OF THE INDUSTRY

Pembroke & Herbert Room

MODERATOR: **John Davis**, Associate Director, Arup, Dublin, Ireland

Darrell Johnson, Chief Executive Officer, Orange County Transportation Authority, Orange, California

Brian Quinn, Head of Innovation Lab & Ecosystem, Intel Labs Europe, Intel Ireland Ltd., Leixlip, Ireland

Larry Yermack, Strategic Advisor, Cubic Transportation Systems, Inc., San Rafael, California

Eugene OBrien, Ph.D., School of Civil Engineering, University College Dublin, Dublin, Ireland

Steven Preece, Managing Director, Egis Projects, Ireland, Dublin, Ireland

Jan Willem Tierolf, Chairman, The Stockholm Group, Rijswijk, The Netherlands

11:30am

MEETING ADJOURNS

2:00pm – 4:30pm

GUEST TOUR

Fabulous Food Trail

(see page 10 for details)

6:30pm – 9:30pm

CLOSING RECEPTION & DINNER

Pembroke & Herbert Room

(see page 15 for details)

Sponsored by: **RS&H**



SPEAKER PROFILES

Note: Download the IBTTA Meetings app for more detailed biographies. See page 37 for details.



Jim Barbaresso

Tuesday, September 1 | 10:30am

Jim Barbaresso is Vice President and National Practice Leader for Intelligent Transportation Systems at HNTB Corporation. He has more than 37 years of experience in transportation planning, traffic operations, and ITS in both the public and private sectors. Throughout his career, Jim has demonstrated leadership in the development of emerging technologies, transportation safety, ITS deployment, and new concepts in transportation financing. In recognition of Jim's international reputation and leadership in Intelligent Transportation Systems, he was selected to chair the 2014 ITS World Congress, held last September in Detroit.



André Broto

Tuesday, September 1 | 8:30am

André Broto is the Director of Strategy for Vinci Autoroute. André previously served as Executive Vice President for Cofiroute from 2008–2012. Previous to that, Head of Projects and Construction of 360 km of TOLL motorways put into operation between 1997 and 2008, and of TOLL urban tunnel in the area of Paris.



Frederic Bruneteau

Tuesday, September 1 | 4:00pm

Frederic Bruneteau is the founder and Managing Director of PTOLEMUS Consulting Group, the first international strategic advisory firm entirely focused on location-based services and telematics. He has gained 20 years of strategic and operational experience in 10 countries in the field of mobility services. Frederic assists all mobility ecosystem stakeholders, from carmakers to road operators, in defining and implementing their connected strategy. He has led numerous assignments on the field of connected fleet services, road transportation and road charging. He just published the Electronic Toll Collection Global Study, a 650-page report on the electronic tolling market and technologies. Before PTOLEMUS, Frederic was managing TOMTOM's global Content & Services Product Line in Amsterdam. Previously, for VODAFONE/SFR in Paris, he assumed several management responsibilities including Head of Multimedia Strategy & Programme Management.



Susan Buse

Tuesday, September 1 | 10:30am

Susan Buse focuses on providing management consulting services to clients in the toll road sector, and business development. Her practice includes AET conversion, feasibility studies and communication. In her 25 years of transportation experience, Susan was the senior finance executive at the North Texas Tollway Authority for more than 15 years, and was responsible for all finance functions and financial planning activities. She implemented agency-wide financial processes as the operations tripled and directed multiple feasibility studies of potential new roadways. Susan completed issuance of over \$7 billion in debt using a complex mix of public finance instruments and loans. She led the team which developed the successful public sector proposal to finance, construct and collect tolls on Texas SH 121 as an alternative to the private sector model. Susan is a Past President of IBTTA and continues to serve in several capacities.



Andrew Blease

Tuesday, September 1 | 10:30am

Andrew Blease is Team Leader for a group of analysts covering debt issuers in the European infrastructure and regulated utilities sectors. He has rating committee chair responsibilities and co-ordinates research activities in the European infrastructure sector. Before his current position, since joining Moody's in May 2000, Andrew has been involved in the analysis of transportation infrastructure and other forms of public infrastructure, from both a corporate finance and project finance perspective. He was lead author of Moody's Rating Methodology for Airports outside of the United States and was a co-author of the Moody's Rating Methodology for Privately Financed Public Infrastructure (PFI/PPPP/3P) Projects. Before joining Moody's, Andrew spent his career in international banking, the final five years being with Bank of Tokyo-Mitsubishi's project finance department.



Michael Bonsignore

Tuesday, September 1 | 2:00pm

Michael Bonsignore is the Chief Technology Officer for The Rhode Island Turnpike and Bridge Authority (RITBA). Michael began his career with RITBA as a Toll Technician in 2008 to the newly instituted E-ZPass Electronic Tolling system, in addition to the RITBA business network. As CTO, Michael is responsible for Cyber security, maintains four network domains and continues to support the RITBA business network, maintaining PCI compliance and monitors all network assets. Over the past two and a half years as CTO, Michael has succeeded to take most software support, hardware maintenance, procurement and toll system repair in house.



Maria Catalina Cabral, Ph.D.

Tuesday, September 1 | 10:30am

Maria Catalina E. Cabral is the Undersecretary for Planning and Public-Private Partnership (PPP) of the Department of Public Works and Highways (DPWH), Philippines.

She is in-charge of overseeing the development of strategic and priority plans and programs of the DPWH including development and implementation of PPP projects. A Civil Engineer, she is a career official in DPWH having rose from the ranks of the organizational hierarchy. Prior to being appointed as Undersecretary, she was directly involved in implementation of major roads, bridges and flood control projects co-funded by the Asian Development Bank, World Bank and Japan International Cooperation Agency. As for PPP Projects, the DPWH has already completed the Daang Hari-Slex Link Road Project and the Southern Tagalog Arterial Road Project, with several on-going and bidding stage projects underway.



Rachel Cahill

Monday, August 31 | 2:00pm

Rachel Cahill is Head of Financial Management with the Transport Infrastructure Ireland (TII) and is responsible for the financial oversight of the Authority's tolling operations

including the M50 barrier-free tolling operation (eFlow). Rachel has 20 years' experience working in complex and demanding financial and operational environments including the last 10 years working in the tolling industry. Before joining the TII, Rachel spent 10 years working in banking in both operational and financial roles. Rachel is a chartered accountant having trained with KPMG and has a wealth of experience and expertise in developing robust financial and operational frameworks. Rachel was actively involved in procuring the original contractor for the design, build and operation of Dublin's first free-flow tolling project (eFlow) in 2006 and has been a key member of the TII's management team since then.



Arnaud Carchon

Tuesday, September 1 | 4:00pm

Arnaud Carchon is General Manager of Cofiroute UK and currently oversees operations and business development for Toll Road Operating Contracts in the UK and Ireland. Cofiroute UK

is a subsidiary of VINCI Concessions, Concessionaire and Operator of over 6,700 km of highways and road infrastructure across Europe, North America and the Caribbean, including the largest network of toll roads in France at nearly 4,400 km for now more than 45 years. Arnaud joined the International Operations Department in 2008 and participated to the development of Toll Motorways Operations and Maintenance projects in North America, Asia and Russia. Prior to that, he managed highway design, construction supervision and maintenance projects in Africa, Asia and the Middle East at various positions with French Consultants Egis.

Kathryn Coleman

Tuesday, September 1 | 4:00pm

Kathryn Coleman is the Electronic Toll Collection Manager of the Rhode Island Turnpike and Bridge Authority located in Jamestown, Rhode Island. She has been with RITBA for eight years and has participated in the launch of Electronic Toll Collection on the Newport Pell Bridge, followed by the implementation of All-Electronic Tolling on the Sakonnet River Bridge. Kathryn has an unwavering commitment to customer service and is responsible for implementing many new processes to ensure customers receive the best service possible. She is responsible for the overall operations of the E-ZPass Customer Service and Call centers including duty assignments, work procedures, inventories, staff training, quality control and supervision of daily operations. Kathryn is a graduate of the 2015 IBTTA Leadership Academy.



Michele Connolly

Tuesday, September 1 | 10:30am

Michele is a project partner for all KPMG infrastructure and project finance assignments in Ireland. She has advised on infrastructure transactions, property and project finance transactions for

over 15 years. Michele has advised a variety of public and private sector clients on PPP and infrastructure transactions in the transport, leisure, healthcare, justice, education, port and social housing sectors. She has advised the Transport Infrastructure Ireland on the delivery of its €2bn privately finance toll road network including implementation of its free flow tolling system. She has also advised Mersey Gateway in the UK on its tolling implementation on the new bridge development. Michele is focused on providing strategic and financial advice to clients across a range of industries.

SPEAKER PROFILES



Josef Czako

Monday, August 31 | 4:00pm

Josef Czako is the Vice President for International Business Development for Kapsch TrafficCom. He is a transportation expert with long term and international experiences supporting projects and innovations for Sustainable Road Transport, focusing on sustainable Mobility, ITS – Intelligent Transportation Systems, Road User Charging and Road Safety, in the areas of Business Development, Strategy, Financing, Technology, Operations, Policy, Consultancy and Standardization. Previously he was also active in the field of Electronic Ticketing and Information & Management Systems for Public Transport. Josef promotes also related activities in International Organizations and Associations like IBTTA, ASECAP, Ertico, or IRF and is a frequent speaker at Conferences worldwide.



John Dalton

Tuesday, September 1 | 4:00pm

John Dalton is CEO, chairman and lead investor of Perceptics, LLC. Perceptics was acquired from Northrop Grumman in 2006. John has led a deepened understanding of customer strategy, and driven the reinvigoration of the Perceptics name with outstanding legacy personnel and products. The company has a dominant position in North American border, and a growing position in ITS, for vehicle identification solutions. Previously, John was with private equity fund SouthPointe Ventures, as operating partner. He has 17 years of operating experience, with Fortune 500 General Electric and Black & Decker, and including senior leadership positions with smaller organizations using unique technologies within basic industries. John is involved with many community stewardship causes. He has served on the board of Crossroads Community Ministries in Atlanta for over a decade. In 2008, he founded the Perceptics Foundation, which supports employee community giving. John co-founded Sequoia Youth Leadership Concepts, a 501(c)(3) focused on youth sports as a vehicle to guide kids in leadership and spirituality.



John Davis

Wednesday, September 2 | 10:00am

John Davis is a tolling and e-payments technology specialist with Arup. John has accumulated over 18 years of tolling experience encompassing commercial, contractual, technical, operations, maintenance and interoperability of toll systems. In addition, John has substantial experience in the design and implementation of back-office financial systems across a wide range of industry sectors. John formerly served on the board of ITS Ireland.



Bruno de la Fuente

Tuesday, September 1 | 2:00pm

Bruno de la Fuente is the Director of Concessions of SEOPAN, the Spanish Association of Constructor and Concessionaire Companies since March 2014. Before he was the Executive Director of ASETA, the Spanish Toll Motorway Association, Company that he joined in 1999 as Manager Assistant. He is member of the ASECAP Steering Committee and Chairman of the ASECAP COPER I, member of the IBTTA Technology Committee, member of the Spanish Technical Road Association Board, member of the ITS Spain Boards of Directors, member of the Spanish Entrepreneur Organisation (CEOE) General Assembly, and he also participates in different committees of AENOR, the Spanish Standardization Body. He is Bachelor of Business Science by the Universidad Complutense de Madrid and Master in Business Administration by the Instituto de Empresa.



Mary Deevy

Monday, August 31 | 2:00pm

Mary is Senior Archaeologist with the Transport Infrastructure Ireland (TII) and leads a team of archaeologists responsible for overseeing the archaeological elements of national road projects in the northern half of the country. Mary has over 20 years experience working as a professional archaeologist in a variety of areas including excavation, research, university teaching, publication and specialist work. Mary has spent the last 14 years managing the archaeological aspects of roads projects, through all phases from planning through to road opening, previously for Meath County Council and currently for the TII—procuring and managing contracts, programmes, budgets, quality control and deliverables. Mary successfully managed the archaeology on the tolled M3 through Co. Meath, which was one of the largest, most complex and at times most controversial schemes ever carried out in the State.



Colin Delaney

Tuesday, September 1 | 4:00pm

Colin Delaney is General Manager at Easytrip, Ireland's largest electronic toll and parking services provider. Appointed one year ago, Colin is driving Easytrip Ireland's business expansion, developing new services and business channels. Before joining Easytrip, Colin held senior management roles in the payments industry across technology, commercial and product development. Colin was most recently Director of International Business Development at DataCash, a MasterCard company. Colin helped establish a successful

global business unit that delivers ecommerce payment technologies and expertise to banks around the world. Colin is a passionate advocate for convenient, electronic consumer services driven by innovation, particularly in transport. While at Irish payment specialist Payzone, Colin participated in the creation of innovative transport solutions, including the payments system for eFlow barrier-free tolling on the M50 in Ireland.



Willy Dommen

Tuesday, September 1 | 2:00pm

Willy Dommen is an executive in Accenture's infrastructure and transportation business. His primary responsibility is to lead the firm's entry into the North America Tolling Market.

He led the development and delivery on smart card, RFID and mobile payment assignments around the world, for both government and private industry, all of which started from the work he completed for Metropolitan Transportation Commission's Clipper (formerly TransLink®) program in the San Francisco Bay Area. Willy served as the hands-on advisor for the BART-Sprint mobile payment trial and was a leader for the Homeland Security Presidential Directive (HSPD) 12 initiative for several federal government agencies. In addition, Willy's client and project lists include development of national health care card programs, leading edge technology evaluation and strategy development and RFID strategy development. He continues to serve clients with resolving strategic and technical issues related to contactless smart card and mobile payments technology. Willy currently serves as the Chairman of the Board of Directors for the Smart Card Alliance.



Alain Estiot

Tuesday, September 1 | 2:00pm

Alain Estiot is Managing Director, Chief Quality Officer and Compliance Officer of Toll Collect GmbH in Berlin, Germany. Toll Collect has developed, financed and is operating since January

2005 the first GPS/GNSS toll system in the world on 12,500 km of Motorways and 1200 km of National Roads in Germany, collecting 4,5 Billion Euros a year. He previously served as Director Special Projects with Cofiroute in Paris, France. He was COO of Cofiroute Corporation, the US-affiliate of Cofiroute and Deputy Managing Director of CPTC in Los Angeles. CPTC had the Franchise for the 91 Express Lanes, the first worldwide highway with an automatic multilanes toll system and the pioneer of Value Pricing. Alain is a civil engineer (ENPC Paris). He is President of the French Foreign Trade Advisors in Berlin, Germany.



Kym Farrell

Tuesday, September 1 | 4:00pm

Kym Farrell is the Technical Director in Q-Free's Managed Services Business Unit. Kym has over 15 years' experience in the tolling industry, with a focus on back-office systems and end-to-end solution

architectures. An expat Australian, Kym has been based in Q-Free's global headquarters in Norway. He has led design and implementation efforts including the back office systems of the Sydney Harbour Bridge & Tunnel, the Slovakian National Truck Tolling system, the Norwegian National Central System, and others in the European & Asian regions. Kym's current focus area lies with transaction data processing solutions for image based vehicle identification & classification – with particular emphasis on AET / ORT applications.



Andrew Fremier, P.E.

Tuesday, September 1 | 10:30am

Andrew Fremier is the Deputy Executive Director of the Bay Area Toll Authority (BATA) and Deputy Executive Director, Operations, of the Metropolitan Transportation Commission (MTC), a

sister agency to BATA. In his BATA role, Andrew supervises administration of all toll revenue for the Bay Area's seven state-owned toll bridges. In his MTC role he oversees the Highway and Arterial Operations and the Travel and Coordination Information sections. Under Andrew's direction, BATA funds the bridges' day-to-day operations, maintenance and administration and participates in joint oversight of the Toll Bridge Seismic Retrofit Program, including construction of the new East Span of the San Francisco-Oakland Bay Bridge. Prior to joining BATA, Andrew served as the Chief Deputy District Director for the California Department of Transportation (Caltrans), District 4. A licensed civil engineer, Andrew held a variety of positions during his 20 years at Caltrans.



Saavan Gatfield

Tuesday, September 1 | 10:30am

Saavan Gatfield is Senior Director in Fitch Ratings' Global Infrastructure and Project Finance Group. His primary focus is on U.S. transport infrastructure and, in particular, on the toll roads sector, of

which he is team head. Prior to joining the U.S. transport team, Saavan worked for three years within EMEA transport and social infrastructure, covering a wide range of airport, port, toll road and rail transit credits as well as having responsibility for Fitch's EMEA social infrastructure ratings portfolio. Saavan has worked at Fitch Ratings since January 2005. Before joining the infrastructure team, he was a member of Fitch's structured finance group, working extensively on European commercial mortgage backed securities. Before Fitch, Saavan spent several years working in various business and operational positions in retail sales, distribution and logistics as well as education in both the UK and Japan. Saavan is a member of the Municipal Analysts Group of New York.

SPEAKER PROFILES



Diane Gutierrez-Scaccetti

Tuesday, September 1 | 10:30am

Appointed in August 2011, Diane Gutierrez-Scaccetti serves as Executive Director and Chief Executive Officer of Florida's Turnpike Enterprise.

The Enterprise is responsible for

tolling operations on behalf of the Department as well as management of the Florida Turnpike System and comprised of a 320-mile mainline and nine expansion facilities, Florida's Turnpike System is over 500 centerline miles of tolled facilities. Under her leadership, Florida's Turnpike Enterprise is pioneering concepts such as express lanes on toll facilities, pursuit of regional interoperability and the development of a Transportation Technology Center for Excellence for the State of Florida. A proven leader who brings more than 25 years of toll road experience to the Florida Turnpike Enterprise, Diane previously served as Executive Director of the New Jersey Turnpike Authority, retiring after a 21-year career. Diane is a member of the Executive Board of the Florida Department of Transportation, and serves on the Boards of IBTTA and the Alliance for Toll Interoperability. A member of WTS, she was named 2013 Woman of the Year by the Central Florida Chapter.



Bill Halkias, P.E.

Tuesday, September 1 | 8:30am

Bill Halkias is the CEO (Managing Director) of Attikes Diadromes SA, the Operating Agency of Attiki Tollway (Attiki Odos), in Athens, Greece, since 1998. He has more than 30 years of

experience, the first fifteen in the USA and afterwards in Greece and he is specialized in transportation and road infrastructure works. Bill is also the President of the non-profit Organization "HELLASTRON" ("HELLENIC ASSOCIATION OF TOLL ROAD NETWORK") which was established with the participation of all highways and toll infrastructure operating in Greece and held position of president of the Hellenic Institute of Transportation Engineers during the 2010-2012 term. He is a member of the Technical Chamber of Greece and a Licensed Professional Engineer in eight US states, a Fellow Member of the American Society of Civil Engineers and a Fellow Member of the Institute of Transportation Engineers. He is a member of the Board of Directors of IBTTA and a Member of the Freeway Operations Committee of the Transportation Research Board. He serves on many other Greek and International Committees in the field of Public-Private Partnerships (PPP) and transportation infrastructure development.



Georg Hauger

Monday, August 31 | 4:00pm

Prof. Georg Hauger is the Head of Institute of Transportation System Planning at Vienna University of Technology. His main focus of research and consulting is economic and ecological

aspects of mobility. Additionally, he has experience in transport policies, traffic safety and sustainable development in the transport and tourism sector.



Mike Heiligenstein

Tuesday, September 1 | 10:30am

Mike Heiligenstein is the Executive Director of the Central Texas Regional Mobility Authority, an independent government agency created in 2002 to design a modern, regional transportation

network for Central Texas. The Mobility Authority's current and future projects are key elements in a carefully planned, multi-modal transportation system designed to meet the diverse mobility needs of this fast-growing region. Before taking the helm at the Mobility Authority, Mike served the citizens of Williamson County for 23 years as a public official. During his years of public service, Mike initiated and helped supervise \$1.5 billion in capital improvement projects. Mike is a member of the Texas Department of Transportation's Texas Technology Task Force. He serves on Carma Carpooling's Advisory Board. He is the Past President (2014) of IBTTA and serves on the advisory Board of the Texas A&M Transportation Institute as well as several other committees and working groups dealing with transportation issues. Mike is called upon both nationally and in Texas to speak to groups about infrastructure, particularly transportation, and is known for his commitment to regional approaches to problem solving.



Li Jian

Tuesday, September 1 | 8:30am

Li Jian, Account Settlement Management Center of Toll Roads Network, Highway Monitoring & Response Center, Ministry of Transport. He has been engaged in the ITS

application in expressways in China for more than 10 years. During the time, he was involved in the compiling of technical requirements, overall technology planning of expressway interoperability in China, and management regulations of its operation and service. Over the years, he has participated in the tolling interoperability of expressways in Beijing, and in the non-stop tolling network of Beijing, Tianjin, Hebei, Shandong and Shanxi (all equivalent to states in the United States). Currently, he works as the major technical manager to carry out the efforts of national non-stop tolling network in China. This network is expected to be completed at the end of September, 2015. This mega tolling network will become the biggest tolling network project in the world.



Darrell Johnson

Wednesday, September 2 | 10:00am

Darrell Johnson is the Chief Executive Officer of the Orange County Transportation Authority, leading an agency of 1,500 employees responsible for delivering projects,

programs and services that improve mobility for the more than three million residents of Orange County. Darrell is responsible for a \$1.02-billion annual budget and implementing the planning, financing and coordinating of Orange County's freeway, street and rail development. He oversees an aggressive capital improvement program as well as countywide bus services, commuter-rail services and the 91 Express Lanes. This work includes planning and construction of the I-405 Improvement Project, a \$1.7 billion project that includes the largest toll road project in California on the busiest stretch of freeway in the U.S. and patterned after the highly successful 91 Express Lanes. Darrell represents OCTA on local, state and national issues related to managed lanes, tolling, transportation programs and policies and he serves on the Board of the American Public Transportation Association.



Patrick Jones

Monday, August 31 | 8:30am

Patrick Jones is Executive Director and CEO of the IBTTA. Since assuming this position in 2002, Pat has built IBTTA into the principal advocate for toll-financed transportation and the

leader in producing high quality educational experiences for toll industry professionals. Under his leadership, IBTTA revitalized its premier journal Tollways, created the IBTTA Leadership Academy, and introduced many new programs including the Transportation Finance Summit, Violation Enforcement Summit, Special Summit on Open Road Tolling and its first workshops in South America, Australia and South Africa. Before IBTTA, Pat held senior management positions at the American Trucking Associations, the American Public Transportation Association and the Health Insurance Association of America.



Michael Kennedy

Monday, August 31 | 2:00pm

Michael Kennedy is Head of Public Private Partnerships with Transport Infrastructure Ireland (TII) and he has played an instrumental role in the successful delivery of TII's €2 Billion

PPP road programme across the country over the past 15 years, as well as the development of a modern tolling sector in Ireland.



Christos Koulouris

Tuesday, September 1 | 10:30am

Christos Koulouris, is one of the founders and CEO of InVision Consulting with more than 30 years of experience in the field of international Projects Management. He holds a

postgraduate degree from the University of Loughborough and has been appointed on a number of positions at national and European level including Technical Advisor to the European Commission. His major expertise lies in the design of operation systems, performance measurement and incident management.



Michael Maitland

Tuesday, September 1 | 4:00pm

Mike Maitland is a Solutions Manager at Kapsch TrafficCom North America, where he helps to define ETC Lane product development strategies and solutions for Toll Road projects in North

America. He has been working in the Tolling Industry since 2005 where he has held positions of Engineering Manager and Tolling Systems Consultant. Prior to 2005, he worked as a software development manager in the Defense and Nuclear Power Industries.



Cathal Masterson, P.E.

Monday, August 31 | 2:00pm

Cathal Masterson is a transport professional with a strong track record in procurement, mobilisation and operations of transport projects. He has a degree in civil engineering and an MSc

in project management and before joining the tolling team in TII in 2008, he worked as a consultant with Jacobs Engineering and Booz Allen Hamilton on a variety of road and rail projects for public and private sector clients. Since 2008 Cathal has been managing the eFlow free-flow operation on the M50 Motorway in Dublin and the national tolling 'clearing house' operation which is a outsourced service and system to facilitate national tolling interoperability.

SPEAKER PROFILES



Stephen Mayer, Ph.D., P.E.

Monday, August 31 | 4:00pm

As Vice President of Strategy and Business Development for the Parsons Transportation Group, Steve focuses on the firm's organic and acquisition growth initiatives. His work includes

performing due diligence for acquisitions and assisting the corporation in key business pursuits internationally. In addition, Steve serves as a professional interview coach for business development. He is the former General Manager of the Peace Bridge Authority, which connects Buffalo, NY and Southern Ontario, Canada in one of the east coast's busiest trade corridors. Steve is a Past President of IBTTA (2005) and an Honorary Member of IBTTA. Each year he serves as an instructor in IBTTA's Leadership Academy. Additionally, Steve is an adjunct professor at Niagara University teaching courses in international management, business strategy, and technology commercialization. He was the Assistant Professor and Director for the University's Technology Commercialization Clinic for six years where he instructed students in entrepreneurship and commercializing new products.



John McCuskey

Monday, August 31 | 4:00pm

John McCuskey is the Executive Director of the E-470 Public Highway Authority in Colorado. Before his appointment as Executive Director in 2010, he was the Director of Finance and Deputy

Executive Director for E-470. His background includes project finance as an investment banker as well as toll road operations. Before joining E-470, he was an independent consultant. His work included toll road financial analysis, he also prepared toll operations studies and management plans and advised on operations both nationally and internationally. John previously served on the IBTTA Board of Directors.



Steve Morello

Tuesday, September 1 | 4:00pm

Steve Morello is Senior Partner of D'Artagnan. Since 1991, Steve has been at the vanguard of defining, implementing and evaluating Intelligent Transportation Systems. He

is driven by the need to save lives, time and resources by providing enhanced mobility services to motorists and transportation network users around the world. Over the past 15 years, he has applied his ITS experience to road user charging projects covering distance-based charging, congestion charging, all-electronic tolling, heavy vehicle tolling and automated enforcement.



Christopher Mwalwanda

Tuesday, September 1 | 10:30am

Christopher Mwalwanda currently serves as the tolling and public private partnerships (P3) National Technical Strategy Leader for CDM Smith, and is a 2011 IBTTA Leadership Academy

alumni. He has supported over \$13 billion in toll projects and managed over 50 toll feasibility analyses for both private and public agencies over the past decade. His experience and expertise encompasses the full spectrum of toll feasibility from concept to financing, with an emphasis on managed lane projects and owner side risk assessments for several key P3 projects. He currently provides traffic and revenue advisor support services to numerous state DOTs, toll agencies and regional mobility authorities for projects such as the MoPac Improvement Project (MIP) express lanes in Austin, the recently financed \$2.9 billion Grand Parkway SH 99 Segments D-G in Houston and the ongoing IH 35E/SH 183 managed lanes in Dallas.



Eugene OBrien, Ph.D.

Wednesday, September 2 | 10:00am

After completing his Ph.D., Professor Eugene OBrien worked for five years in industry before becoming a lecturer in 1990 at Trinity College Dublin. Since 1998 he has been the Professor of Civil

Engineering at University College Dublin (UCD). He has personally supervised 27 Ph.D.s to completion and has published 250 technical papers and two books. He has a significant track record of participation in European framework projects since the mid 1990's and currently leads a €2 million national project, Ph.D. in Sustainable Development funded by the Irish Research Council. He is also the UCD Principal Investigator on Camera Based Bridge Monitoring, a \$1 million project funded jointly by Science Foundation Ireland, Invest Northern Ireland and the American National Science Foundation (NSF). As well as his academic work, Eugene is involved in the commercialisation of research as a Director of an SME: Roughan O'Donovan Innovative Solutions. In that role, he leads the FP7 projects, Long Life Bridges and InfraRisk and is a partner in the Research for SME project, BridgeMon.



Eric Offenber, P.E.

Tuesday, September 1 | 2:00pm

Eric Offenber is the Director of Engineering for the Rhode Island Turnpike and Bridge Authority where he is responsible for the Authority's four main bridge crossings of the

Narragansett Bay as well as its highway and various building and utility facilities. Eric directs a \$230 million capital program as well as all of the inspection and maintenance programs undertaken by the Authority.

Under Eric's technical direction, the Authority has taken many of the maintenance programs in-house including, a bridge painting program, some of the construction inspection services and the Electrical Program that includes an energy efficiency plan to provide all power to the various bridges from renewable sources. Prior to working for the Authority, Eric was a principal and Chief Technology Officer in a renewable energy company specializing in the development of wind and solar projects. Eric is still a part owner of a large wind turbine in Middletown RI. Eric is a registered Professional Engineer with licenses in Rhode Island, Massachusetts, Connecticut, Mississippi and Alabama.



Nigel O'Neill

Monday, August 31 | 8:30am

Nigel O'Neill is Director of Commercial Operations in Transport Infrastructure Ireland (formally known as the National Roads Authority). He is responsible for TII's multi-million PPP delivery

programme as well as the operation of TII's light rail, tolling and other commercial services.



Kevin O'Sullivan

Tuesday, September 1 | 2:00pm

Kevin O'Sullivan is a Chartered Civil Engineer with Engineer's Ireland. He has worked in the, transportation, traffic management, operations and ITS field for over 15 years in Ireland and the

UK. He is previously employed with Egis Road & Tunnel Operation as Manager of the Motorway Traffic Control Centre in the Dublin Tunnel. He is working with Arup in the smart mobility section where his primary focus is Tolling & Motorway Operations consultancy. In addition, Kevin sits on the ITS Ireland Governing Board.



Fabrizio Palenzona

Monday, August 31 | 8:30am

Fabrizio Palenzona is the Chairman of ASECAP. Among other current positions, Mr. Palenzona is also Chairman of AISCAT (Italian Association of Toll Motorways and

Tunnels Operators); ADR S.p.A.; Assaeroporti S.p.A. and FAISERVICE SCARL. He is a member of the Member of the Board of Directors of ABI - Italian Banking Association, Member of the Executive Committee of Giunta degli Industriali di Roma and Member of the Board of Directors of Università degli Studi del Piemonte Orientale "Amedeo Avogadro."



Ken Philmus

Tuesday, September 1 | 2:00pm

Ken Philmus is Senior Vice President of Transportation Services for Xerox, where he facilitates transportation revenue solutions. Ken's primary focus is on tolling and user fee technology

implementation and back office operation and administration for many of the largest toll agencies in the U.S. Before Xerox, Ken was the National Director of Toll Services for AECOM Transportation and previously held the position of Director of Tunnels, Bridges and Terminals for the Port Authority of New York and New Jersey. Ken has also served on the Boards of many national transportation associations including IBTTA and is presently on the Board of ITS America and the ITS World Conference.



Steven Preece

Wednesday, September 2 | 10:00am

Steven was educated in the UK with a BSc (Hons) in Business Management. He has extensive experience within the competitive service industry on multiple sites operating worldwide. He has a

clear corporate approach with a consistent record of achievement. Regarded for being professionally focused and direct, seen as a natural leader and motivator with extensive management experience especially within the aviation and logistics spectrum.



Matthias Prick

Tuesday, September 1 | 4:00pm

Matthias Prick is Head of Tolling Sales at VITRONIC in Wiesbaden, Germany. He is responsible for national and international projects covering Toll Enforcement and Toll Collection. Among

other projects, he was involved in the Toll Collect road charging project for nationwide truck tolling in Germany. Before joining VITRONIC in 2010, Matthias held various positions in sales, consulting and traffic planning.

SPEAKER PROFILES



Brian Quinn

Wednesday, September 2 | 10:00am

Brian Quinn is Director of European Innovation at Intel Labs Europe. Brian oversees an innovation strategy that involves engagement with a broad European ecosystem, from academia to startups. Technology agenda has a particular focus on Internet of Things (IOT) and Cloud Computing. Brian's team is spread across Ireland, Germany, Turkey and the UK. Brian directs Intel's collaborative research strategy and agenda in Europe, and his team has established and manages all necessary structures and processes. As example, he has driven Intel to be a leading player in FP7 and engagement in Horizon 2020. He has led many Intel negotiation teams on collaborative research arrangements with academia, industry and statutory authorities. He has helped secure bi-lateral industry collaborative programmes with companies such as Nokia, SAP and BT. He has participated on a number of research advisory groups for the European Commission, is a member of the Faste Lab Advisory Board (University of Lulea, Sweden) and has acted as a formal FP7 reviewer.



Søren Rasmussen

Tuesday, September 1 | 10:30am

Since 1989, Søren Rasmussen has been working at the Store Belt Bridge. Initially, during the construction period as responsible for the construction budget for the West Bridge. From the opening of the Storebælt Bridge 1998 as manager of the Toll Plaza with responsibility for EFC IT systems, customer payment and settlements with card companies. During 2004-2007 also responsible for developing and implement the technical specification for the EasyGo project. Since opening of EasyGo in March 2007, Søren has been responsible for managing the EasyGo secretariat supporting the interoperable EFC solution covering Denmark, Sweden Norway and Austria. The task comprises - besides securing the operational data exchange between Toll Charger (TC) and Toll Service Provider (TSP) – the expanding of the service with new TC and TSP. Søren is Member of the Danish Standardisation DSRC WG under TC278 and a Danish representative in the EU EFC expert group and has participated in a number of EU EFC projects such as PISTA, CESARE III and IV. CESARE IV and REETS as leader of activity 5 Interoperability management.



Edward Regan

Tuesday, September 1 | 8:30am

Ed Regan is a Senior Vice President with CDM Smith. He is a 40-year veteran in providing services to the world's toll industry, having led the tolls practice at CDM Smith for more than 25 years. Under Ed's leadership, CDM Smith has developed traffic and revenue forecasts used in support of over \$100 billion in toll facility finance worldwide. Ed personally managed

traffic and revenue studies for East Link and West Link and other early toll facilities here in Ireland. Ed has been a frequent speaker at IBTTA meetings and events for decades, and has served on numerous committees, including strategic planning, government relations and national interoperability. In 2012 he was named an Honorary Member of IBTTA, in recognition of his lifetime contributions to the toll industry and the Association.



Javier Rodriguez, P.E.

Monday, August 31 | 8:30am

Javier Rodriguez has served as Executive Director of the Miami-Dade Expressway Authority (MDX) since 2007 and has more than 20 years of experience in administration, construction, design, inspection, long-range planning and transportation development. Tasked with moving people and goods on five of the region's most crucial east-west expressways, his responsibilities encompass the expansion, finance, operations and maintenance of the MDX transportation system. This includes enhancing relations with the Florida Department of Transportation, Florida's Turnpike Enterprise, Miami-Dade County, Metropolitan Planning Organization, state and local agencies and municipalities. Before joining MDX, Javier had a long career at FDOT, District 6 and received Engineer of the Year Award by the Cuban-American Association of Civil Engineers in 2005 and was presented with the Ben G. Watts Leadership Award by FDO in 2002. For more than 10 years, Javier has been an active member with IBTTA volunteering in many capacities. He joined the IBTTA Board of Directors in 2007 and is currently serving as President of the Association.



Bruce Roesner, Ph.D.

Tuesday, September 1 | 10:30am

After receiving his Ph.D. in solid-state electrical engineering, Bruce pursued a career in the electronics field with primary focus on RF communications. Having founded four companies, three of which are RFID based, he has served in various positions including Chairman of the Board, CEO, COO and CTO. After joining Sirit Corporation as CTO and VP Engineering he was able to implement industry leading RFID technology in automatic vehicle identification greatly enhancing Sirit's market position. After the purchase of Sirit by Federal Signal Corporation, Bruce served as CTO of the five groups forming the AVI organization. Two years ago he founded V Track ID, Inc. intending to revolutionize the ITS field with a technology breakthrough. He has had wide experience in R&D, engineering, manufacturing and management with more than 35 patents to his credit.



Klaus Schierhackl

Tuesday, September 1 | 8:30am

Klaus Schierhackl is the Executive Director of ASFINAG (since 2007), where his main responsibilities include financing, accounting, controlling, tolling and international business

relations. Schierhackl attended the Vienna University of Economics and Business Administration. He worked as an assistant at the Institute of Transport Economics and Logistics, then joined MAN in Munich to come back to Vienna where he was appointed head of ASFINAG's Tolling Department and General Manager of ASFINAG Maut Services GmbH from 2005 to 2007. During his activities abroad he established close contact with ASECAP (European Association of Tolled Motorway, Bridge and Tunnel Concessionaires), where he became president from 2011 – 2013. Klaus has been a member of the IBTTA Board of Directors since 2011 and a member of the ERTICO Supervisory Board since June 2015.



Malika Seddi

Tuesday, September 1 | 2:00pm

Malika SEDDI, Director of International Affairs and Customer Services in ASFA (Association of motorway and facilities concessionaires in France). Engaged in the toll industry for 25 years, she

is deeply involved in the ASECAP (Association for toll motorway operators in Europe), IBTTA (Worldwide association for the owners and operators of toll facilities and industry), ERTICO (ITS Europe), and PIARC (World road Association) representing ASFA members' interests. Malika is chairman of permanent committee of ASECAP dealing with Safety and Sustainable development; Member of the PIARC committee (infrastructure financing), and member of the board of France's PIARC branch; Member of the European program committee, and road sector platform of ERTICO – ITS EUROPE; Communication team leader of the Arc Atlantique project for the development of harmonised ITS services, involving seven European countries. She is presently the International Vice President of IBTTA.



Scott Sorenson

Tuesday, September 1 | 2:00pm

Scott Sorenson, Vice President of Electronic Toll Operations for Faneuil, Inc., Scott has been with Faneuil for six year and has more than 20 years' experience in combining trained staffing

with advanced technology to deliver exemplary service to customers of government and commercial entities. He is responsible for Faneuil tolling programs in Florida, Texas and Virginia, including leading team operating the E-Z Pass Virginia under contract with Virginia Department of Transportation. Previously he was integral to the implementation of an unemployment compensation

contact center for the Florida Department of Economic Opportunity – the first outsourced operation of its kind in the nation. As a member of Faneuil's senior leadership team, Scott participates in the development of company-wide strategies to design and implement customer service delivery, particularly in the operation of multichannel contact centers that serve the customers of Faneuil's transportation clients.



Tim Stewart

Tuesday, September 1 | 4:00pm

Tim Stewart is the Executive Director of the Oklahoma Turnpike Authority. Tim has spent the last 33 years in the construction, engineering, and maintenance industry of which over 30

years have been with the Oklahoma Turnpike Authority. Prior to coming to work with the Authority, he owned and managed his own residential construction company in Chickasha, Oklahoma. Since being at the Authority, he has held various positions beginning in field maintenance services and working his way up through the organization to his current position of Executive Director. While working at the Authority, Tim has held positions as Director of Patron Services, Director of Maintenance, Director of Planning and Operations, and Deputy Director & Chief Operating Officer, a position he held since 2005.



Martin Stone, Ph.D., AICP

Tuesday, September 1 | 4:00pm

Martin Stone is General Manager for Egis Projects USA with responsibility for a wide range of Egis business activities in North America including oversight of the Alliance for Toll Interoperability

Hub that provides the exchange and settlement of toll transactions between member toll agencies within the U.S. for pre-paid electronic toll accounts. Martin's background includes more than 35 years of professional transportation and back office operations experience with both public and private organizations. As the former Director of Planning for the Tampa-Hillsborough Expressway Authority (THEA), Martin was responsible for the planning and development of all new THEA projects from 1996 to 2011 including Tampa's award-winning Reversible Express Lanes as well as managing the Authority's deployment of advanced electronic tolling systems, ITS traffic controls and urban design efforts. He also has been an active member of IBTTA for more than 15 years and served as Chairman of the IBTTA Interoperability Committee to develop a plan to achieve toll payment interoperability throughout North America.

SPEAKER PROFILES



Dario Thober

Tuesday, September 1 | 2:00pm

Dario Thober is the founder and president of VONBRAUNLABS where he oversees innovation projects in semiconductors, hardware design, big-data, middleware systems, application, low-level software and applied physics. He is also responsible to conduct all necessary activities to product industrialisation and market insertion of all developed solutions public and private institutions ask from VONBRAUNLABS in the segments of consumer, automotive, automation, defence and medical. In the ITS/ETC segment VONBRAUNLABS provides solutions from semiconductors to systems and back-office operations, including pilot-implementations and operations. The new RFID-based tolling and fiscal systems in Brazil were designed and coordinated by his team until full-operational status in support of multiple public and private entities. Prior to VONBRAUNLABS, Dario was a particle physicist developing research to explore the fundamental aspects of electromagnetism, gravity and nuclear forces.



Daniel Toohey

Tuesday, September 1 | 4:00pm

Dan Toohey is Vice President of Sales and E-ZPass Program Manager for Kapsch TrafficCom North America. Kapsch TrafficCom (KTC) is an international supplier of superior intelligent transportation systems (ITS) and electronic toll collection (ETC) systems. With its end-to-end solutions portfolio, Kapsch TrafficCom has the expertise to design, build, and operate and has implemented systems around the world, including for bridges and tunnels. KTC covers the entire value creation chain of its customers, from products and systems to integration and operations. Kapsch TrafficCom North America is also the exclusive supplier of all E-ZPass technology including readers and transponders. Dan has over two decades of experience as a transportation professional and senior level executive. His extensive industry knowledge covers the domestic and international tolling and intelligent transportation system markets.



Jan Willem Tierolf

Wednesday, September 2 | 10:00am

Jan Willem is ITS coordinator and strategy advisor for Transport Infrastructure Ireland (TII) and the Ministry of Infrastructure of The Netherlands. After positions in the private sector and as manager of commercial innovations at the National Space Institute, he joined the National Road Authority, now TII, first as the IT strategist then as ITS (Intelligent Transport Systems) coordinator and strategy advisor. In that capacity, he was involved in national and international tolling projects. In 2002 he took the initiative for Stockholm Group, where the ministries or road authorities of, now 17, European countries cooperate informally on tolling with a focus on exchange of knowledge and developing strategies for interoperability, often resulting in shared positions that greatly influenced European law making. Jan continues as Stockholm Group chairman, and as an advisor nationally as well as for other countries and to the European Commission in the fields of tolling and ITS.



Joseph Waggoner

Tuesday, September 1 | 10:30am

Joe Waggoner is the Executive Director for the Tampa-Hillsborough Expressway Authority (THEA). Under Joe's leadership, THEA's maintenance, operation and financial positions have significantly improved. Conversion of THEA's Lee Roy Selmon Expressway to all-electronic tolling in 2010 made it Florida's first expressway to be completely electronic. In 2014, THEA became a member of the Affiliated Test Beds under the USDOT's Office of the Assistant Secretary for Research and Technology, offering its facilities for use in the advancement of automated and connected vehicle technologies. Joe's education and 33+ years of experience in the development of a variety of transportation modes give him a broad perspective on transportation issues.



Juan Toledo

Tuesday, September 1 | 4:00pm

As the Deputy Executive Director/Director of Engineering, Juan oversees the implementation of MDX's Five-Year Work Program valued at over \$860 million through the coordination of all capital and renew and replacement projects. This includes all planning, design, construction, operations and maintenance of the MDX highway system and facilities. Since joining the Authority in 2005, Juan has led the development of various major projects for MDX including the conversion of the MDX toll collection system to an Open Road Tolling (ORT) technology. Juan has over 18 years of experience in the construction and design fields.



Luz Weinberg

Tuesday, September 1 | 2:00pm

Luz Weinberg was appointed to the Miami-Dade Expressway Authority by Florida Governor Rick Scott in 2013. She is Chair of MDX Public Communications & Intergovernmental Committee, and serves on the Policy & Planning and Budget & Finance committees. Former Vice President of the National Association of Latino Elected and Appointed Officials, Luz served as a City of Aventura Commissioner from 2005 to 2014. Luz is currently Director of Communications for Bouygues Construction's USA inaugural projects: Brickell City Centre and the PortMiami Tunnel, Florida's largest and first underground transportation infrastructure project, hailed by President Barack Obama as a "National Model for P3s." She is an experienced public speaker on topics like the Latino Vote, energy, broadband and transportation, and in 2013 testified before the U.S. Senate Judiciary Committee Hearing on restoration of protections of the Voting Rights

Act. She has earned a number of awards, including the 2006 Up & Comer by The South Florida Business Journal, 2012 Elected Official of the Year by the South Florida Hispanic Chamber of Commerce, and in 2014, Hispanic Lifestyle Magazine named her a Latina of Influence.



Maggie Wilkins

Monday, August 31 | 4:00pm

Maggie Wilkins is President of MPC Consulting and has more than 20 years' experience in providing sales, marketing and business development support for numerous organizations and clients in

the transportation industry, and both the public and private sectors. As Vice President of Business Development at Gila Corporation, and later as VP of Business Development at Faneuil, Maggie focused on the needs of the toll industry as they relate to violations and collections, back office operations and lane staffing. In 2014, Maggie started her own consulting company and continues to serve the transportation community. Maggie is a graduate of the IBTTA Leadership Academy.



P.J. Wilkins

Tuesday, September 1 | 2:00pm

P.J. Wilkins has over 35 years experience in various segments of the transportation industry. P.J. currently serves as Executive Director of the E-ZPass Group, the world's largest electronic toll collection

system. Previously, P.J. served for more than 10 years as Toll Operations Administrator for the Delaware Department of Transportation where he was responsible for the operation of the Department's two toll roads, the Delaware Turnpike on I-95 and State Route 1. He was also instrumental in establishing the Department's electronic toll collection program, which has been widely recognized as one of the top customer service center operations in the industry and the recipient of numerous national and international awards. P.J. has played an active role in IBTTA since 1999 and served on its Board of Directors from 2005 to 2009. He has also served on the Board of Trustees for the Alliance for Toll Interoperability (ATI), and currently serves on the Board of Directors of the OmniAir Consortium.



Kary Witt

Tuesday, September 1 | 2:00pm

Kary Witt is the manager of the Golden Gate Bridge in San Francisco, California where he is responsible for the day-to-day operation and maintenance of the world famous span. At the Golden Gate Bridge

for more than 24 years, Kary oversaw the development and implementation of Electronic Toll Collection in 2000, followed by the transition to All-Electronic Toll Collection in 2013. Kary has led the development and implementation of state-of-the-art maintenance practices on the Bridge and is well versed in complex labor matters, with 14 unions representing the workers at the Bridge. He

has gained significant recognition for his work in the area of infrastructure security and was appointed to an FHWA sponsored Blue Ribbon Panel on Bridge and Tunnel Security in 2003. Kary is a Past President of IBTTA (2009) and has led a number of IBTTA's initiatives over the years, including his role as Founding Chairman of the IBTTA Leadership Academy.



Harold Worrall, Ph.D., P.E.

Tuesday, September 1 | 8:30am and 2:00pm

Dr. Harold Worrall is the founder of Transportation Innovations, Inc., a consulting firm dedicated to stimulating innovation in transportation. He has served as Assistant Secretary of Transportation

in Virginia, Utah and Florida, as the Executive Director of a major toll facility in Florida for 12 years and as a consultant to DOTs and toll agencies. He was President of IBTTA, Chairman of the Board of ITS America and as Chairman of the Board of Citilog Inc., Paris, France and currently serves as the Chair of the Advisory Committee of Innovative Road Solutions, Dushanbe, Tajikistan. He is a founding partner of PayTollo and V Track ID. He has authored many academic and industry articles and a book entitled A System at Risk: the Economics of Transportation. He teaches in the Master's program at the University of Central Florida.



Salahdin Yacoubi

Tuesday, September 1 | 8:30am

Salahdin Yacoubi is a global toll roads delivery executive who spent the last 25 years working in leadership positions in major toll roads projects. He successfully delivered T.I.S – the French national

Electronic Tolling program, the iconic Melbourne City Link in Australia, Autopista Central, LatAm's first, in Santiago, Chile, and the South African Open Road Tolling network in Johannesburg, combined with nation-wide South African interoperable electronic tolling platform. In 2014, he set up Yacoubi Consulting Associates, a blend of international experts, with strong ground experience, aiming at supporting worldwide sponsors and operators with winning, planning and successfully implementing and operating toll roads projects.



Lawrence Yermack

Wednesday, September 2 | 10:00am

Larry Yermack is a strategic advisor to Cubic Transportation Systems providing advice in the Toll and ITS business. He has had a long and distinguished career, having managed the operations of NYC DOT, the

finances of MTA Bridges and Tunnels, an international toll consulting practice at PB and a Toll and ITS Integration company at PB and then Telvent. Larry has extensive experience in policy making, financial management, design and operations. A recognized leader, he was the founder of the E-ZPass IAG and has served senior leadership positions in ITS America and the ITS World Congress.

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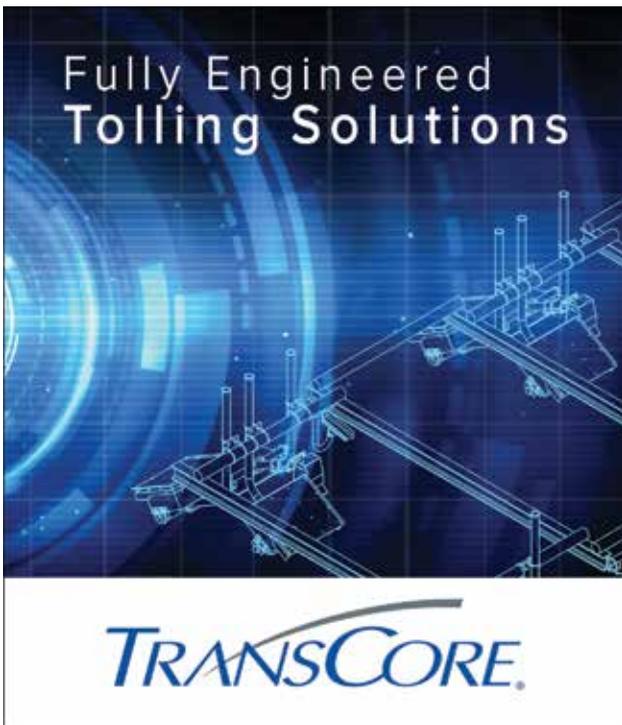
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AECOM is a premier, fully integrated professional and technical services firm positioned to design, build, finance

and operate infrastructure assets around the world for public- and private-sector clients. We provide our clients with technical excellence, innovation and vision, fusing best-in-class design and engineering expertise with local project knowledge and sensitivity. Ranked #1 in Transportation by Engineering-News Record, AECOM's tolling practitioners solve today's most complex mobility challenges. From all-electronic tolling, interoperability and managed lane strategies, to guidance on developing business rules and assistance with obtaining financing, AECOM supports our clients in the delivery of tolling industry firsts, driving the way forward to a more mobile future.

www.aecom.com/tolling



Atkins toll specialists have helped public and private clients plan, develop, design, build, manage, operate, and maintain their tolls infrastructure. Our strategists, program managers, and project delivery specialists have worked in every aspect of tolling providing services to the world's leading user-financed organizations. Our clients benefit from the proven project development, innovative delivery, and cutting-edge toll technology consulting expertise the Atkins team brings.

atkinsglobal.com/northamerica



CDM Smith provides lasting and integrated solutions in water, environment, transportation, energy and facilities to public and private clients

worldwide. As a full-service consulting, engineering, construction, and operations firm, we deliver exceptional client service, quality results and enduring value across the entire project life cycle. CDM Smith provides expertise in toll finance, technology and operations, providing all levels of traffic and revenue studies, feasibility analyses, risk assessments and project management for public and private clients. We also help clients in their procurement processes for toll technology, operating contracts and P3 development agreements. With 65 years of commitment to the

transportation industry, CDM Smith has the thought leadership and experience to assist clients in implementing new facilities and improving existing operations, whether converting to all-electronic toll collection, implementing HOT lanes, upgrading equipment or managing organizational change. www.cdmsmith.com



Cubic Transportation Systems, Inc., is a leading integrator of payment and information technology and

services for intelligent travel solutions. Cubic delivers integrated systems for transportation and traffic management, including NextCity for Tolling—a state-of-the-art solution optimized from the ground up for managing tolling revenue. The platform takes the industry to new heights of capability and power by integrating best-of-breed components for payment processing, customer service and financial management. Services provided by Cubic include on-site management, central systems, operations support, customer support, business support and field services. www.cubic.com/Transportation



A global forerunner and firm advocate of the transportation sector, Egis continues to demonstrate unequivocal leadership in

roadway operations and maintenance, electronic tolling solutions, customer service center management, toll and tunnel operations, road mobility services, asset management, and consulting and assessment services. It is well-entrenched in over 100 countries and powered by over 12,000 professional staff employees. In 2013, Egis generated a turnover of about US\$ 1,213.5 million (€881 million, as at 31 December 2013) worldwide, one of many successes produced by a proven core business strategy – synergizing global tolling expertise and experience with local market approaches to achieve customer and client relationships of enduring value. In roads and airports, Egis is engaged in project development, equity investment, turnkey systems delivery, and operation and maintenance services.

www.egis-group.com



HNTB Corporation provides more than 50 specialized services to the tolling

industry, ranging from financial planning and analysis to operations and management and priced managed lanes, networks and corridors which are growing in popularity across the country. The firm has assembled a team of internationally recognized experts to help transportation agencies achieve a balance among design, technological, operational, budgetary, scheduling and aesthetic concerns — ensuring toll programs are safe, compatible and economical for the communities they serve. Services can be tailored to support all toll organizations — from start-ups to emerging and mature programs. HNTB, currently celebrating a century of infrastructure solutions, is proud to serve as the No. 1 consultant to toll authorities, agencies and their partners across the United States of America. www.hntb.com

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EXHIBIT AREA FLOORPLAN

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roadway operations and maintenance, electronic tolling solutions, customer service center management, toll and tunnel operations, road mobility services, asset management, and consulting and assessment services. It is well-entrenched in over 100 countries and powered by over 12,000 professional staff employees. In 2013, Egis generated a turnover of about US\$ 1,213.5 million (€881 million, as at 31 December 2013) worldwide, one of many successes produced by a proven core business strategy – synergizing global tolling expertise and experience with local market approaches to achieve customer and client relationships of enduring value. In roads and airports, Egis is engaged in project development, equity investment, turnkey systems delivery, and operation and maintenance services. www.egis-group.com

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ETAN Industries develops customized business process solutions for the tolling,

utilities, telecom and cable markets. For the tolling community, we are proud to introduce FASTLane—a complete toll-by-plate transaction management system that provides unsurpassed financial accountability, operational flexibility and business process efficiency. We combine our advanced processing capabilities with award-winning contact center services, to help our clients operate more effectively, more efficiently and more economically—all without sacrificing customer service. www.etanindustries.com

Booth 8



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barrier systems designed to contain and redirect errant vehicles from road hazards. Gibraltar offers both a Test Level 3 and Test Level 4 cable barrier system accepted by the Federal Highway Administration under NCHRP Report 350. The Gibraltar team has vast experience in serving governmental entities, privately held companies, national and multi-national corporations in highway safety products and services.

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Booth 3

INEX TECHNOLOGIES

INEX TECHNOLOGIES designs, develops, manufactures and sells comprehensive Automatic License Plate (ALPR) hardware/software solutions for license plate recognition and vehicle identification. As the developer of both proprietary ALPR imaging hardware and firmware/software analytical engines, INEX TECHNOLOGIES achieves the optimum synergy to create the world's premier license plate recognition systems for any plate, any ambient lighting, any weather condition, and for vehicle speeds of up to 120 mph (194 km/h). INEX TECHNOLOGIES' ALPR & vehicle identification technology accurately captures license plate data from passing vehicles in real-time, and identifies customized information, such as color, make, and model. Applications would include, as examples, Managed Lanes and VES (Violation Enforcement Systems) on toll roads as well as travel-time systems - ATIS (Advanced Travel Information Systems). Integrated with: Kapsch, TransCore, ETCC, Delcan, Etransit and many more - please call for additional information. www.inextechnologies.com

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InVision is a provider of Software and Services for road operation. The long engagement with the road sector has led to a variety of products in almost all the areas of operation. Indicatively, Event and

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Booth 6



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JAI is a world leader in high-performance vehicle imaging technologies targeting the specific needs of roadway operators and transit authority executives. JAI's advanced lane hardware and software enables quick and accurate identification of vehicles for tolling, red light enforcement, speed control, congestion charging, weigh-in-motion, homeland security, and a wide range of other free-flow ITS applications. Products include camera systems, LED flash units, and software to support image capture of high-speed vehicles (0-200 MPH), license plate reading, vehicle fingerprinting, and more. www.jai.com

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LES, LLC, a Duncan Solutions Company, is a collection agency specializing in toll violation and revoked customer account revenue recovery. Our delinquent account collection service is customized to meet the specific business rules of each client agency, with a unique focus on customer service. Customer contact and enforcement options include outbound calling, inbound call handling, customer service, tag holder account management, skip tracing, and civil litigation. Our DMVRegInfo service provides a fast, easy and cost effective way to retrieve out-of-state registered owner information from all 51 states and Canadian provinces. Our embedded business rules and license plate configurations for the various states deliver improved hit rates and reduces toll revenue leakage. www.DuncanSolutions.com

EXHIBITOR PROFILES

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Navtech Radar is a global leader in radar-based Automatic

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NEXCO-Central is one of the major P3 players in Japan. It has more than 60 years of experience with respect to construction, maintenance, inspection & repair and rest area operation. The length in operation is 2,007km and under construction is 265km. In FY 2014, its toll revenue and retail sales at 177 rest areas resulted in 5.28 billion USD and 1.51 billion USD respectively. NEXCO-Central has adopted the Long-Term Proactive Asset Management Approach based on finely worked-out inspection technologies, such as Road Surface Profiling System, Bridge Rehabilitation Program and On-site information Report & Sharing System. As a consequence, road maintenance cost during this decade is 34% less than the last decade's. Now, NEXCO-Central seeks way to contribute to P3 projects overseas with its affluent experience and knowledge. global.c-nexco.co.jp

Booth 10



Founded in 1944, Parsons provides engineering and construction

services on transportation projects of any size and complexity. We are unique in our ability to participate as an equity partner in public-private partnerships, and we have provided general engineering consulting services to major transportation agencies around the globe. Funding is an increasing challenge for many of our customers, increasing the demand for tolling. Parsons is poised to deliver one-stop shopping for a full range of tolling services, from feasibility studies to toll systems integration and financing. Our history in tolling is a long one, involving design, inspection, construction, and everything in between, and we have built many long-lasting relationships along the way. These long-term relationships are testaments to the quality, innovation, and sustainability that we provide and that Parsons' customers have come to expect. www.parsons.com

Booth 11



High-performance imaging systems, engineered for

accuracy. Perceptics designs and manufactures finely tuned, purpose-built license plate recognition (LPR) systems that take machine perception to a whole new level. For over 30 years, the U.S. government has trusted Perceptics LPR solutions for vehicle data collection at border crossings and security at some of the most highly sensitive facilities in the nation. Today, these high performance imaging systems are optimized for the revenue collection demands of electronic toll collection (ETC), providing more complete data capture, guaranteed accuracy, higher confidence levels, and more reliable automation capabilities to reduce the cost of collecting tolls. With imagers that can read plates other systems may not, and an OCR engine that learns from ongoing exposure to the widest possible range of plate types from across North America, Perceptics delivers performance you can truly bank on. Contact us to learn more about imaging technologies and their impact on ETC.

www.perceptics.com

Booth 31



POLY-CARB, Inc. is a wholly owned subsidiary of The Dow Chemical Company. In 1973, POLY-CARB set out to serve

society by providing high-quality, environmentally safe solutions to combat infrastructure erosion problems. Today, Dow POLY-CARB is a 40+ year leader in both Bridge Preservation & Performance and Road Safety infrastructure solutions. FLEXOGRID™, a thin polymer overlay system, helps prevent the deterioration of bridge decks and extends the decks life by 15+ years. SAFE-T-GRID™ offers increased public safety by adding a high skid resistance surface to ramps, toll plaza, etc. Uregrid™ is a monolithic waterproofing membrane that protects bridge decks located underneath a layer of asphalt. With POLY-CARB's in-field expertise and Dow's advanced technology and science, Dow POLY-CARB is advancing infrastructure protection with performance based solutions, like Asset Preservation, that deliver unprecedented levels of performance and accountability to meet the rigorous demands we place on our infrastructures.

www.poly-carb.com

Booth 9



Reflective Measurement Systems Ltd developers of the RetroTek-M™ Mobile Retro-reflectometer System, that simultaneously measures at traffic speeds the retroreflective properties and night visibility of Road Markings, Markers (Studs) simultaneously on both sides of the traffic lane. The RetroTek-M™ system is Compact (All-In-One), Safe (Fitted to front of Vehicle), Easy to Operate, Quick (Real-Time Processing) and Efficient (Twice the productivity of 'Side-Mounted Systems') system developed specifically for the Global Road Maintenance Industry. www.reflective-systems.com

Booth 24



sanef its is a leading international player in the tolling industry. The company has wide experience in designing, integrating and operating state-of-the-art toll systems that optimize revenue collection for authorities. From implementing to operating the most advanced Free Flow and Back Office systems, sanef its strongly believes that performing, convenient and fair systems are a first step toward user satisfaction and success of transportation projects. Supported by sanef group, a leading operator and toll roads concessionaire, sanef its is certainly the only player to address all tolling schemes and technologies including the capacity to operate with the highest rates of customer satisfaction and revenue collection. www.sanef-its.com

Booth 16



TEAMFL was formed in 1997 to facilitate the exchange of information between Florida's Expressway Authorities. The membership is made up of board members and executive staff of expressway organizations, the Florida Department of Transportation, the Florida Transportation Commission and private sector companies. TEAMFL members discuss statewide issues in an effort to develop high quality roadway systems in all corners of the state. www.teamfl.org

Booth 30



TransCore provides fully engineered transportation solutions for Tolling and Traffic Management systems. A pioneer in tolling, we design, manufacture and maintain complete roadside toll collection systems, providing full-scale operations and maintenance services for nearly half of all U.S. toll lanes. Our Back Office system combines advanced financial management software with 30 years of proven customer service excellence. As the largest firm focused on ITS solutions in the U.S., we design and deploy traffic management systems for agencies across North America, and currently manage more than 21,000 intersections across the globe. Our history of supporting the transportation industry dates back to the early 1930s with the country's first toll road in Pennsylvania, and in the 1980s with the development of RFID transportation applications at Los Alamos National Labs. Our RFID systems secure access for airports, hospitals, parking garages, border patrols, trucking fleets and the rail industry. www.transcore.com

Booth 2



VITRONIC is an owner-managed group of companies comprising with its headquarters in Wiesbaden, Germany, and several international subsidiaries. The group is a world leader in industrial machine vision covering a wide spectrum from standard products with customer-specific upgradeable modules to individually customized solutions in its core sectors of industry, logistics and traffic technology. VITRONIC's core competency in the traffic technology sector is the monitoring of vehicles in moving traffic. VITRONIC tolling solutions minimize complexity by offering a complete vehicle identification system: TollChecker. TollChecker is a state-of-the-art tolling platform consisting of hardware and software modules. Each module delivers a key functionality to getting information on vehicles from the roadside to the back office: vehicle detection, vehicle identification, vehicle classification, vehicle passage documentation and system operation. The modules are combined to create end-to-end, customized solutions that allow high-performance identification of vehicles and tracking of their journey throughout the tolling network. www.vitronic.com

Booth 1



Xerox is a Fortune 500 company supporting client operations worldwide. We are in partnership with state and local governments, providing intelligent transportation solutions that keep people and cargo moving. Our world-class technology reduces congestion on roads, saves drivers precious time and improves productivity. If you have a transportation challenge, we will provide a solution for the present with a vision for the future. www.xerox.com/transportation

2016 IBTTA & INDUSTRY EVENTS CALENDAR*

People, Partnership & Progress

JANUARY

➤ IBTTA Winter Board & Committee Meetings

January 7-9, 2016 | Miami, FL
JW Marriott Marquis

➤ TRB 95th Annual Meeting

January 10-14, 2016 | Washington, DC

➤ ATSSA Annual Convention and Traffic Expo

January 29-February 2, 2016 | New Orleans, LA

FEBRUARY

➤ IBTTA Leadership Academy

February 7-12, 2016 | Washington, DC
Washington Marriott Georgetown

MARCH

➤ IBTTA Summit on Transportation Finance,

Road Usage Charging & Policy
March 13-15, 2016 | Washington, DC
Washington Marriott Georgetown

MAY

➤ IBTTA Spring Board & Committee Meetings

May 12-14, 2016 | Newport, RI
Hyatt Regency Newport

➤ IBTTA Maintenance & Roadway Operations Workshop

*(IBTTA Annual Service Project will precede the
conference)*

May 15-17, 2016 | Newport, RI
Hyatt Regency Newport

➤ ASECAP Study and Information Days

May 2016 | Madrid, Spain

JULY

➤ IBTTA 2017 Conference Planning Ideas Roundtable

(Open to all members)

July 23, 2016 | Boston, MA
Boston Marriott Copley Place

➤ IBTTA Summit on All-Electronic Tolling, Managed Lanes & Interoperability

July 24-26, 2016 | Boston, MA
Boston Marriott Copley Place

AUGUST

➤ AAMVA Annual International Conference

August 16-18, 2016 | Williamsburg, VA

SEPTEMBER

➤ IBTTA Fall Board & Committee Meetings

September 8-10, 2016 | Denver, CO
Hyatt Regency Denver at Colorado
Convention Center

➤ IBTTA 84th Annual Meeting & Exhibition

September 11-14, 2016 | Denver, CO
Hyatt Regency Denver at Colorado
Convention Center

OCTOBER

➤ ARTBA National Convention

October 4-6, 2016 | Tucson, AZ

➤ ITS World Congress

October 10-14, 2016 | Melbourne, Australia

➤ IBTTA Global Summit of Mexico

October 23-25, 2016 | Mexico City, Mexico

NOVEMBER

➤ AASHTO Annual Meeting

November 12-15, 2016 | Boston, MA

IBTTA

TOLLING. MOVING SMARTER.

www.IBTTA.org/events

* All information subject to change.

SCHEDULE-AT-A-GLANCE

Board of Directors & Governance Meetings

THURSDAY, AUGUST 27

10:00am – 3:00pm
IBTTA Executive Committee Meeting
(by invitation)

3:00pm – 5:00pm
Platinum Sponsors Ideas Roundtable
(by invitation)

FRIDAY, AUGUST 28

9:00am – 5:00pm
IBTTA Board of Directors & Committee Meetings (all members welcome)

6:30pm – 10:00pm
IBTTA Board, Past Presidents, Honorary Members & Host Dinner (by invitation)

SATURDAY, AUGUST 29

9:00am – 11:00am
IBTTA Board of Directors Meeting
(all members welcome)

IBTTA 83rd Annual Meeting & Exhibition Agenda

SUNDAY, AUGUST 30

7:30am – 9:30am
2:00pm – 6:00pm
Registration & Welcome Center

8:00am – 6:00pm
Exhibit Set Up

9:00am – Noon
– Technical Tour of the M50 Motorway
– Technical Tour of the Port Tunnel

9:00am – Noon
City Tour of Dublin

1:00pm – 3:00pm
Executive Roundtables

3:00pm – 5:00pm
Welcome Reception for
New Members & First-Time Attendees

7:00pm – 10:00pm
Opening Event at the Guinness
Storehouse

MONDAY, AUGUST 31

6:00am – 7:00am
Sunrise Walk

6:00am – 8:30am
Breakfast in the Hotel Restaurant

7:30am – 5:30pm
Registration & Welcome Center

8:30am – 10:30am
– Welcoming Remarks
– Toll Excellence Awards Ceremony

10:00am – 4:30pm
Guest Tours
– North Dublin Experience
– Boyne Valley

10:30am – 11:00am
Refreshment Break with Exhibits

11:00am – Noon
Keynote Speaker: Ben Saunders

Noon – 1:00pm
Lunch

1:00pm – 2:00pm
Dessert/Coffee with Exhibits

2:00pm – 3:30pm
General Session
Tolling in Ireland

3:30pm – 4:00pm
Refreshment Break with Exhibits

4:00pm – 5:30pm
General Session
Innovation: The Transportation Classroom
(Leadership Academy Alumni)

5:30pm – 7:00pm
Reception with Exhibits

TUESDAY, SEPTEMBER 1

6:00am – 7:00am
Sunrise Walk

6:00am – 8:30am
Breakfast in the Hotel Restaurant

7:30am – 5:30pm
Registration & Welcome Center

8:30am – 10:00am
General Session
Economic, Policy & Technology Issues
Affecting Mobility in the Future

10:00am – 10:30am
Refreshment Break with Exhibits

10:00am – 5:30pm
Guest Tour – Wicklow–Glendalough

10:30am – Noon
Breakout Sessions
(Business, Mobility, Technology)

Noon – 1:00pm
Lunch

1:00pm – 2:00pm
Dessert/Coffee with Exhibits

2:00pm – 3:30pm
Breakout Sessions
(Business, Mobility, Technology)

3:30pm – 4:00pm
Refreshment Break with Exhibits

4:00pm – 5:30pm
Breakout Sessions
(Business, Mobility, Technology)

5:30pm – 7:00pm
Exhibit Tear Down

WEDNESDAY, SEPTEMBER 2

6:00am – 7:00am
Sunrise Walk

6:00am – 9:00am
Breakfast in the Hotel Restaurant

7:30am – 11:30am
Registration & Welcome Center

9:00am – 10:00am
IBTTA Business Meeting and Preview
of the 2016 Annual Meeting in Denver,
Colorado

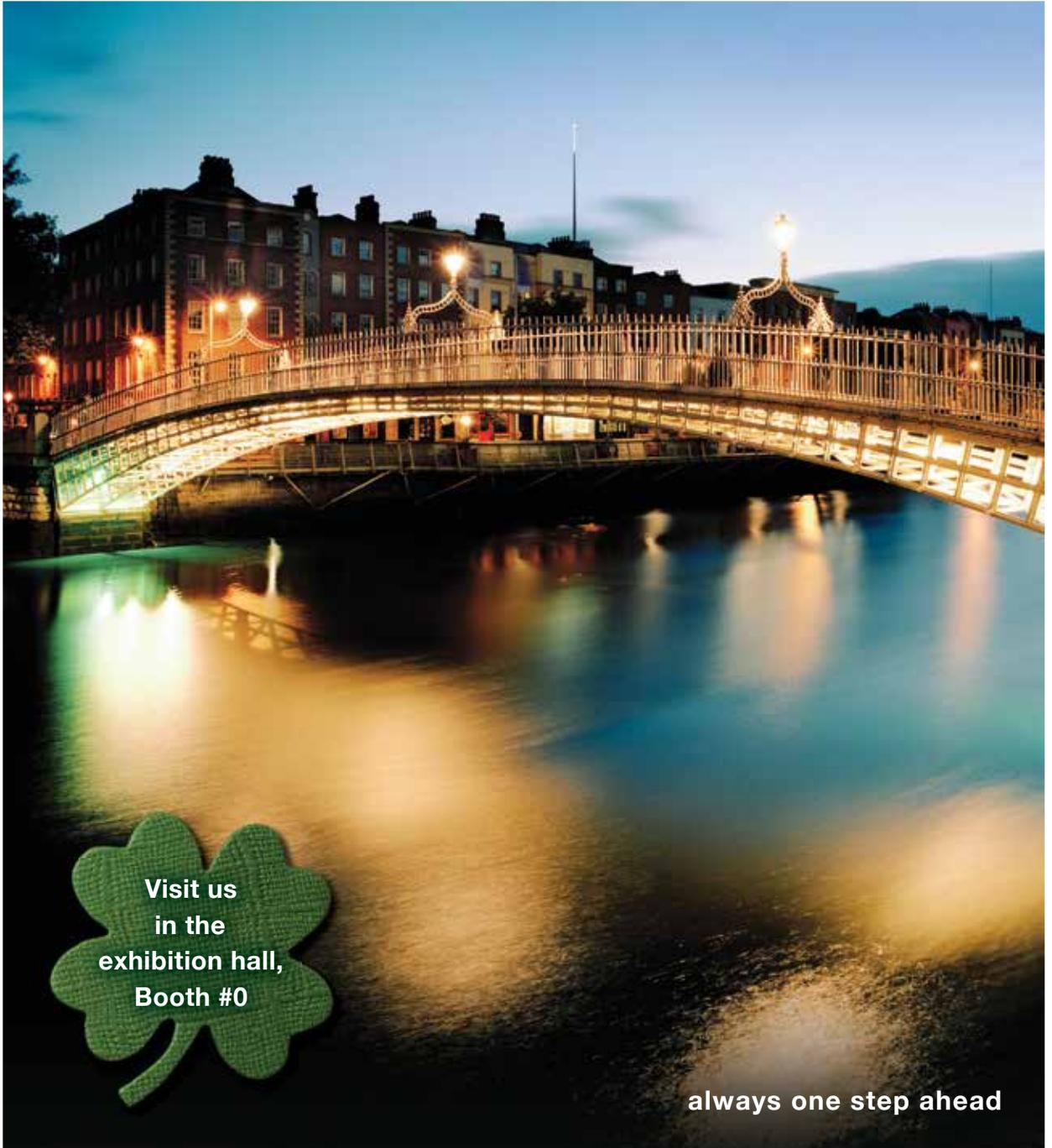
10:00am – 11:30am
General Session
A Trip into the Future of the Industry

11:30am
Meeting Adjourns

2:00pm – 4:30pm
Guest Tour – Fabulous Food Trail

6:30pm – 9:30pm
Closing Reception & Dinner

Kapsch Mobility Solutions: Design, Deliver, Operate.



Visit us
in the
exhibition hall,
Booth #0

always one step ahead