

Speaker Bios

(in order of appearance)



Robin Lindsey

University of British Columbia

Vancouver, British Columbia, Canada

Dr. Lindsey's research interests include road pricing, traffic congestion models, paying for roads, traveler risk aversion and advanced traveler information systems. He has participated in several European Union projects concerned with efficient transportation pricing, usage of user charge revenues, and institutional factors in transport policy implementation. Dr. Lindsey has also studied private provision of roads and other topics related to market structure and efficiency. He holds a Ph.D in economics from Princeton University as well as an M.A. and B.A. (Economics and Physics) from Queen's University.



Jonathan Hall

University of Toronto

Toronto, Ontario, Canada

Jonathan Hall is an Assistant Professor in the Department of Economics and School of Public Policy and Governance. His research focuses on issues in transportation and urban economics, and his recent work has covered topics such as congestion pricing, autonomous vehicles, and Uber's effect on public transit. Jonathan received his B.A. from Brigham Young University and his Ph.D. from the University of Chicago.

Kathy McCune

Los Angeles County Metropolitan Transportation Authority

Los Angeles, California, USA

Kathy McCune has been part of the project team for the Los Angeles County Metropolitan Transportation Authority's (Metro) ExpressLanes since 2009, overseeing the planning, implementation and operation of the I-10 and I-110 ExpressLanes. She is currently the Deputy Executive Officer within the Congestion Reduction Department and is responsible for managing the operation and maintenance of the I-10 and I-110 ExpressLanes, planning of future ExpressLanes facilities, and the operation of Metro's Freeway Service Patrol program. She has over 22 years of planning and project management experience in the public sector working at both the municipal and regional levels. She has directed numerous planning studies and has managed goods movement, bicycle, pedestrian and highway capital projects. Kathy holds Masters degrees from the University of Southern California and the University of New Brunswick (Fredericton) and a Bachelors degree from the University of Lethbridge.

**Ricardo Sanchez****Cintra US
Austin, Texas, USA**

Ricardo Sanchez has over 18 years experience in transportation engineering focused on analyzing traffic and revenue for toll road projects. Joining Cintra in 2002, he was initially responsible for managing the preparation of traffic and revenue forecasts for existing and new projects pursued by the company worldwide. Ricardo's involvement included the Chicago Skyway and Indiana Toll Road transactions in 2004 and 2005, the NTE and LBJ Managed Lane projects in Texas in 2009 and the I77 Managed Lanes project in North Carolina in 2014. From March 2007 he has been leading Cintra's North American Technical Department. Ricardo manages a team of highly qualified professionals preparing feasibility analysis for new toll roads in the US and Canada, and provides support to Cintra Toll road projects in North America on Operations and Maintenance, Design and Construction, Pricing, Traffic and Revenue. He holds a M.S. degree in Civil Engineering from the Polytechnic University of Madrid (Spain)

**Mark Burris****Texas A&M University
College Station, Texas, USA**

Dr. Mark Burris serves as the Associate Department Head for Research and Operations in the Zachry Department of Civil Engineering at Texas A&M University. His extensive research has provided a better understanding of traveler behavior in response to tolls and helped to improve our ability to predict this reaction. He has served in an evaluation and monitoring role for HOT Lane projects in Houston, Atlanta, Minnesota, LA and the Lee County Variable Pricing Pilot Project. Dr. Burris served on the National Cooperative Highway Research Program panel overseeing research on "Estimating Toll Road Demand and Revenue" and the Federal Highway Administration's "Benefit/Cost Methods for Operations Planning" project. He is the chair of the Transportation Research Board's Transportation Economics committee, a friend of TRB's Congestion Pricing committee and a member of the Institute of Transportation Engineers. Dr. Burris is the recipient of several teaching awards, including the Council of University Transportation Centers' New Faculty Member Award in 2007. Prior to joining Texas A&M in 2001, he was a senior research associate at the Center for Urban Transportation Research (CUTR) in Tampa, Florida. He holds a Ph.D. in Civil Engineering (University of South Florida), a Master of Science in Engineering (University of New Brunswick) and a Bachelor of Engineering (Technical University of Nova Scotia).



Dan Toohey
Kapsch TrafficCom North America
McLean, Virginia, USA

Dan Toohey is Vice President of Sales and E-ZPass Program Executive for Kapsch TrafficCom North America. As such, Dan has day to day overall responsibility for the management, oversight and P&L of Kapsch's Highway 407 ETR and E-ZPass Group Contracts. Kapsch TrafficCom manufactures all the Highway 407 Transponders and is the exclusive supplier of all E-ZPass technology including readers and transponders. Kapsch is a global supplier of superior intelligent transportation systems (ITS) and electronic toll collection (ETC) systems. With its end-to-end solutions portfolio, Kapsch has the expertise to design, build, commission and operate ITS, ETC and HOT systems. Dan has almost twenty-five years of experience as a transportation professional and senior level executive with extensive industry knowledge in the domestic and international tolling and intelligent transportation system markets.



Ben Miners
Intelligent Mechatronic Systems
Waterloo, Ontario, Canada

Dr. Ben Miners provides innovation leadership to guide next-generation solutions, strategic technology initiatives, and beneficial partnerships that deliver continuous value and high quality experiences far into the future. Innovation and emerging concepts are embraced and catalyzed across the connected vehicle ecosystem and beyond to define and realize solutions over the horizon. Untraveled paths are cleared to drive continuous innovation, realize increased value for all stakeholders, and exceed future expectations. Current activities and areas of interest include technology innovation evangelism, intelligent transportation systems, data intelligence and analytics to deliver enhanced contextually-relevant value and enable intelligent decisions, understanding human intent, and intuitive user-centric solutions. Dr. Miners holds a Doctorate in Electrical and Computer Engineering from the University of Waterloo, a Master of Science from the University of Guelph, and is a licensed professional engineer.



Mark Cantelli
Xerox Corporation
Germantown, Maryland, USA

Mark Cantelli has 30 years of experience in the design, improvement, implementation, troubleshooting, and maintenance of industrial electronics, industrial computer systems, and computer information systems. He is currently the Chief Technology Officer (CTO) and Senior Vice President of Xerox's Public Transportation Sector where he is focused on analyzing and solving complicated scientific and technical issues within the Transportation Line of Businesses (LOBs). He is responsible for the transformation of capital—be it monetary, intellectual, or organizational—into technology to further the company's objectives.



Michael Wilson
Accenture
Toronto, Ontario, Canada

Michael Wilson is a Managing Director and leads Accenture's Public Transportation practice in North America, which offers leading business practices and flexible technology in the areas of customer service, electronic payments, digital services and enabling state of good repair initiatives. In this role, Michael leads the definition of Accenture's long-term point of view on consulting and system integration initiatives associated with fare management, tolling, asset management, which includes cloud-based and mobile device options. He has more than 25 years of experience with public service organizations and has been with Accenture since 1990. Michael holds an Honors Degree from Western University's Richard Ivey School of Business.



Jake Schabas
Metrolinx
Toronto, Ontario, Canada

Jake Schabas is a Senior Advisor in the Economic Analysis and Investment Strategy department at Metrolinx, where he develops business cases for major transportation investments and strategies. Key projects he has supported include the Metrolinx Investment Strategy and the ongoing development of the Regional Express Rail and Fare Integration programs. Prior to Metrolinx, Jake worked in New York City at the Metropolitan Transportation Authority and the Regional Plan Association. Jake has a Master of Science in Urban Planning from Columbia University and currently teaches a 3rd year class in Urban Transportation Policy Analysis at the University of Toronto Scarborough Campus.

**Bern Grush****PayBySky, Inc.****Toronto, Ontario, Canada**

Bern Grush has 38 years' experience as a high-tech innovator in the spatial- and location-related computer industry, including geographic information systems, location-based systems, computer graphics, document management, workflow, transportation demand management, pattern recognition, and evidentiary documentation. Much of this experience has been in the user segment for satellite systems (Landsat, GPS). Before PayBySky, Bern founded four high-tech firms, each enabled by intelligent, pattern recognition software. Bern has contributed to international standards development for geographic information systems, evidentiary document management, electronic road tolling and charging performance for autonomous metering equipment, was the initializing author on the ISO standard 17444 (Charging Performance), has published hundreds of articles on transportation metering and pricing and holds several patent files. Bern earned the MaSC Systems Design Engineering, University of Waterloo and the BaSC Human Factors Psychology & Engineering, University of Toronto. Bern is co-authoring a book *The End of Driving*, making this the first time he will combine his dual background in Psychology and Engineering.

**John Howe****AssetFuture Ltd.****Toronto, Ontario, Canada**

John Howe is the Executive Vice President of AssetFuture, a software and advisory firm specializing in infrastructure life-cycle optimization. Previously, he was Vice President, Investment Strategy and Project Evaluation, at Metrolinx. His achievements include leading benefits case evaluations of major rapid projects and advancing the Metrolinx Investment Strategy, a suite of proposed revenue tools -- including highway tolls and HOT lanes -- needed to implement the \$50 billion regional transportation plan. John has 20 years of infrastructure policy and planning experience in Ontario, including the ministries of Public Infrastructure, Finance and Transportation. He is a member of the Greater Toronto Marketing Alliance board of directors, an executive-in-resident at the Western University Ivey School of Business, and a project selection advisor to the Canada Foundation for Innovation. John holds a Masters in Public Policy and Administration from Carleton University.

Moderators

- **Baher Abdulhai**, Canada Research Chair in ITS, University of Toronto
- **Martin Collier**, Founder, Transport Futures
- **Andy Manahan**, Executive Director, Residential and Civil Construction Alliance of Ontario

About Us

Transport Futures was established in 2008 by Healthy Transport Consulting. Working with our valued advisors, staff, volunteers, sponsors and in-kind supporters, our goal is to facilitate a rational and non-partisan dialogue on mobility pricing as a key demand management and infrastructure funding measure. In 2015, we also began exploring other transportation infrastructure and policy issues related to public-private partnerships and autonomous vehicles.



Martin Collier

Director, Healthy Transport Consulting
Founder, Transport Futures
Guelph, Ontario

Besides managing Transport Futures, Martin Collier provides government, private sector and non-profit organizations with sustainable transportation and land use policy, planning, research and project/event management services. Clients have included Transport Canada, the Environmental Commissioner of Ontario, Pollution Probe, Poulos and Chung Transportation Consultants, Smart Cities Research Services and the Residential and Civil Construction Alliance of Ontario. Martin co-founded the Guelph Coalition for Active Transportation, the Toronto Centre for Active Transportation and has managed the Ontario Smart Growth Network, Moving the Economy/Transportation Options and the Community Bicycle Network. He has also provided conference programming, logistics and financial advice to the Ontario Ministry of Transportation and the Niagara Escarpment Commission. Prior to his work in the planning field, Martin worked for a decade in the music industry as a guitarist and band manager. He holds a Master of Environmental Studies degree in Urban Planning from York University and a Bachelor of Arts degree from Queen's University.

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Advisors, Contractors & Volunteers

A big shout out to the following advisors, contractors and volunteers who have assisted in the coordination of the Transport Futures HOT Lanes Forum:

- **Rose Cleverdon**, RCCAO
- **Justine Dainard**, Transport Futures
- **Bob Davis**
- **Mary Davis**, Transport Futures
- **Anthony Davison**, Transport Futures
- **Anthony Fernando**, RCCAO
- **Terry Holdershaw**, Scotia AV
- **Aonghus Kealy**, RCCAO
- **Vivien Leong**, Transport Futures
- **Robin Lindsey**, UBC
- **Andy Manahan**, RCCAO
- **JP Warren**, Transport Futures