Innovation and Telecommunications Policy **SHAPING TECH MARKETS & NETWORKS**

Wednesday, May 21, 2025

12 – 6 p.m. <u>Donald K. Johnson Centre, First Canadian Place / Exchange Tower</u> 130 King Street, Toronto, Ontario

Host

May 21, 2025

Ivey Business School, Western University, Ontario

Organizers

<u>Erik Bohlin</u>, Ivey Chair in Telecommunication Economics, Regulation and Policy, and <u>Romel Mostafa</u>, Director, <u>Lawrence National Centre for Policy and Management</u>, Ivey Business School

Schedule

Time	Location
12:00 – 1:00 p.m.	Welcome Buffet Lunch
1:00 – 1:10 p.m.	Welcome and Introduction
	Erik Bohlin, Professor, Ivey Business School and Romel Mostafa, Director, Lawrence National Centre for Policy and Management, Ivey Business School
1:10 – 1:30 p.m.	Opening Keynote: Aligning Innovation and Telecommunications Policy
	Johannes Bauer, Professor and Director, Quello Center, Michigan State University, USA
1:30 – 1:50 p.m.	How 6G Will Change Innovation and What Policy Should Do
	Marja Martinmikko-Blue, Adjunct Professor, Oulu University, and Director, Sustainability and Regulation, 6G Flagship, Finland
1:50 – 2:10 p.m.	How an Open Market for Wholesale Access can Reshape Innovation in Wireless
	Peter Cramton, University of Maryland, USA
2:10 – 2:30 p.m.	How Network Virtualization is Changing Fundamentals of Telecom Policy
	Gérard Pogoral, Professor Emeritus, Télécom Paris, France
2:30 – 3:00 p.m.	Coffee Break
3:00 – 3:20 p.m.	The Return of Industrial Policy in Telecommunications
	Maria Alessandra Rossi, University G. D'Annunzio of Chieti-Pescara, Italy * <i>Virtual presentation</i>
3:20 – 3:40 p.m.	How Quantum Communications are Changing Even More
	Georg Serentschy, Managing Partner, Serentschy Advisory Services, Austria
3:40 – 4:00 p.m.	Artificial Intelligence is Changing Everything
	Salim Teja, Partner, Radical Ventures, Canada

4:00 – 4:45 p.m.	Panel Discussion
	Moderated by Romel Mostafa, Director, Lawrence National Centre for Policy and Management, Ivey Business School
	Kevin Chan, Strategy Director, Global Campaigns, Meta
4:45 – 5:00 p.m.	What are Some Takeaways for Canada? Greg Lang, Senior Strategic Officer, Office of the VP, Canada Radio-Television and Telecommunications Commission
5:00 – 6:00 p.m.	Networking Reception with Cocktails and Hors d'oeuvres

Speakers



Johannes Bauer is a researcher, writer, teacher, and academic entrepreneur. He is interested in the digital economy next-generation media. His position as <u>Quello</u> <u>Chair for Media and Information Policy</u> facilitates the pursuit of rigorous and actionable research. From September 2023 through December 2024, he was on leave from MSU to serve as the Chief Economist in the Office of Economics and Analytics (OEA) of the <u>U.S. Federal Communications Commission</u> in Washington,

DC. Educated as an engineer and social scientist, he obtained advanced degrees in economics from the Vienna University of Economics and Business, Austria. Michigan State University has been his home institution since 1990. He had the privilege to spend extended times affiliated with Delft University of Technology, The Netherlands (2000-2001), the University of Constance, Germany (Summer 2010), and the University of Zurich, Switzerland (2012).



Erik Bohlin is Professor and Chair in Telecommunication Economics, Policy and Regulation at the Ivey Business School. He is an expert in telecommunications policy, an inter-disciplinary topic concerned with the impact of digitalization in the economy and society. He is Editor-in-Chief of *Telecommunications Policy*, a premier journal in the field. He is on leave as Professor at Chalmers University of Technology, Sweden. His graduate degree

is in Business Administration and Economics at the Stockholm School of Economics (1987) and his Ph.D. is from Chalmers University of Technology (1995). He is a Member of the Swedish Royal Academy of Engineering, and Past Chair of the International Telecommunications Society, an interdisciplinary professional society convening conferences on the evolving digital society and policy needs.



Kevin Chan is the Global Policy Campaign Strategies Director at Meta Platforms, where he is focusing on the future of the internet, including the metaverse, AR/VR/MR, and the creator economy. In this role he is responsible for Meta's \$50 million XR Research and Programs Fund, and is Meta's representative on the World Economic Forum's Global Collaboration Village. A former government executive and university administrator, Mr. Chan

launched Facebook's Canadian public policy function and spent 7 years as its Head and then Director of Policy. His work fighting white nationalists made NOW Magazine's 2019 Year In Review, and he was awarded a 2020-21 Harvard Technology and Democracy Fellowship for his leadership of Facebook's Canadian Election Integrity Initiative. Mr. Chan graduated from Harvard Kennedy School, the Ivey Business School and the Royal Conservatory of Music. An Action Canada Fellow, he is the recipient of the Public Service Award of Excellence, the Queen's Diamond Jubilee Medal, and the Meritorious Service Medal.



Peter Cramton is an Emeritus Professor of Economics at the <u>University of</u> <u>Maryland</u> and an International Research Fellow at the <u>Max Planck Institute for</u> <u>Research on Collective Goods</u>. Since 1983, he has researched auctions and market design, designing complex markets to achieve goals. Applications include electricity, financial, and communications markets. He has introduced innovative market designs in many industries. He has advised many governments on

market design and dozens of bidders in major auctions. Cramton is a co-inventor of spectrum auction designs used in North America, Europe, and Asia-Pacific. He is an advisor and chief economist to companies implementing markets. From 2015-2021, Cramton was an independent director of the Electric Reliability Council of Texas (ERCOT) board. He received his BS in Engineering from Cornell University and his PhD in Business from Stanford University.



Greg Lang joined the CRTC in 2023 as Senior Strategic Advisor in the Telecommunications Sector. In this role, Greg advises senior decision-makers on key telecom policy areas. He also contributes substantively to the CRTC's work on high-profile issues like Internet and cellphone competition, network resiliency, and 9-1-1 services. Greg joined the public service in 2006 and spent most of his career at Canada's antitrust agency—the Competition Bureau. Most

recently, as Major Case Director, Greg headed up the Bureau's efforts to advance pro-competitive government policy across Canada. This included leading several significant interventions in front of the CRTC and the Broadcasting and Telecommunications Legislative Review Panel. Prior to that role, Greg

gained significant experience leading reviews of corporate mergers and acquisitions before the Competition Tribunal and the courts. Greg's major cases during this time involved the telecommunications, airlines, event ticketing, and beverage industries. Greg is a graduate of Wilfrid Laurier University where he trained in economics and business administration. One of his formative experiences with telecom occurred during this time, where he had the opportunity to work as a marketing co-op during the heyday of BlackBerry.



Marja Martinmikko-Blue is Research Director at <u>Infotech Oulu</u> and Director of Sustainability and Regulation at 6G Flagship research program at the University of Oulu, Finland, where she also holds the position of adjunct professor in spectrum management. She completed her Doctor of Science degree in communications engineering in 2012, and Doctor of Philosophy degree in industrial engineering and management in 2018 at the University of Oulu. She has been conducting multi-

disciplinary research into the technical, business, and regulatory aspects of future mobile communication systems in close collaboration with industry, academia, and regulators for over two decades. Most recently she has been studying sustainability topics related to ICTs. She has published 210+ scientific publications and prepared 200+ contributions and statements to regulatory bodies at national, European, and international levels. She represents Finland in global 6G definition work at UN based ITU-R.



Romel Mostafa is an Assistant Professor of Business, Economics and Public Policy at the Ivey Business School. Romel's areas of research and expertise include strategy & capability development in new firms, innovation & competitive dynamics, industrial evolution & policy, as well as behavioural decision-making. He has published in a number of leading academic journals, including Academy of Management Journal, Journal of Behavioral

Decision Making, Journal of Risk & Uncertainty, Organization Science and Management Science. His research and commentaries have been featured in global media outlets such as CNN, NPR and the New York Times. Romel has taught both at graduate and undergraduate levels, and received several teaching awards. He obtained his PhD and MSc from Carnegie Mellon University, and BA from Lawrence University. As the Director of Ivey's <u>Lawrence National Centre for Policy and</u> <u>Management</u>, Romel spearheads the Centre's research, outreach and teaching initiatives. The Centre advocates for sound policy and corporate action towards unlocking national competitive advantage, by focusing on critical challenges and opportunities around digital, trade and social infrastructural pillars.



Gérard Pogorel is Professor of Economics (since 1995, emeritus since 2010) with the Department of Economic and Social Sciences (SES) of <u>Télécom Paris</u>, a department he headed from 1995 to 2002. He previously worked at HEC Paris, Paris- Dauphine, Paris Panthéon-Sorbonne, at the University of Technology of Compiègne, as well as in universities in Europe (Göteborg, Naples), in the United States (Harvard, UC San Diego) and in

Asia (Tokyo, Shanghai, Bandoeng, Bangkok). He holds a Doctorate in Economics, a Doctorate in Organizational Sciences. He graduated in Management Science from HEC Paris, and in Social Sciences from the Sorbonne. He does research on industrial strategies and public policies in the fields of technology, the digital economy, telecommunications, and the media.



Maria Alessandra Rossi is Associate Professor of Economic Policy at the <u>University of Chieti-Pescara</u> and Part-time Professor at the European University Institute. Previously she was Assistant Professor of Economic Policy at the University of Siena, with qualification as Associate Professor. Her research interests cover the law and economics analysis of innovation, telecommunications & media economics and digital economics, with specific

regard to open source software. She was Visiting Researcher at the University of Oxford, the Council of Europe, the Department of Economics at UC Berkeley, the Santa Fe Institute of Technology, at the University of Paris X, and at the Florence School of Regulation. She carried out research and reports for OECD, the Italian Telecommunications NRA (AGCOM), the Italian Ministry of Finance and the Independent Regulatory Group (IRG). She has written numerous essays in national and international journals including: Journal of Economics and Management Strategy, Cambridge Journal of Economics; Telecommunications Policy; Economics of Innovation and New Technologies; Communications & Strategies; European Journal of Law and Economics. Maria Alessandra holds a Ph.D. in Law & Economics from the University of Siena.



Georg Serentschy advises C-level and top experts in the digital sector (platforms, telecommunications, media, and technology) on strategy, regulation & competition, spectrum policies, cybersecurity policies and innovation. A prime focus of his advisory work is the strategic positioning of companies in a specific regulatory environment. Experience shows that regulation is the most critical lever for driving commercial performance,

investment and innovation in the digital sector. Georg's professional career spans more than 40 years. It began in nuclear physics, after which he turned to industrial research and development in various high-tech industrial areas such as software development, solar energy, aerospace, and telecommunications. After his career in industry, he joined Arthur D. Little, a strategy consulting

firm. Then, for over a decade, he headed up the Regulatory Authority for Telecommunications in Austria (RTR-GmbH). The highlight of Georg's regulatory career was chairing and vice-chairing BEREC (Body of European Regulators for Electronic Communications). In 2014, he founded his consulting boutique, focused on advising C-suite and top digital sector experts on strategy, artificial intelligence, regulation & competition, spectrum policy, cybersecurity policy and innovation. In parallel, he continues to work with leading consultancies on a project basis.



Salim Teja is a Partner with <u>Radical Ventures</u> where he leads the firm's Velocity Team. Salim is a board member for Aspect Biosystems and Promise Robotics. Salim brings over 25 years of experience in the technology sector as an entrepreneur, venture investor, corporate innovator and innovation ecosystem builder. Prior to Radical Ventures, Salim served as President, Venture Services for Toronto-based MaRS Discovery District, one of the

world's largest urban innovation centres. Salim has held leadership roles with Indigo Books & Music, CX Digital and was a Partner with early-stage VC firm Brightspark Ventures. Salim was also a Co-founder of San Francisco-based MobShop Inc, a pioneering e-commerce venture funded by GE Capital, Visa International, Mayfield Fund and Marc Andreessen. Salim is a graduate of the Ivey Business School at Western University.