

Tuesday, June 24th, 2008

- 10:00 am - 6:00 pm** *Fontaine C*
Board Meeting
- 4:00 - 9:00 pm** *Outremont/Westmount Foyer*
Registration
- 7:00 - 9:00 pm** *Portage & Garden (Lobby Level)*
Reception
*Wine & beverages sponsored by
NERA Economic Consulting*

Wednesday, June 25th, 2008

INTERNET ROOM - *Sponsored by AVW-TELAV*
The Fontaine C room will be open Wednesday, Thursday and Friday from 7:00 am - 5:30 pm for delegates and speakers who require internet access.

7:00 - 5:00 pm *Outremont/Westmount Foyer*
Registration

7:30 - 8:30 am *Fontaine B*
Breakfast

8:30 - 9:00 am *Westmount/Outremont*
Opening Session
Erik Bohlin, Chairman of ITS
*Jacques Beauvais, vice-recteur à la recherche,
Université de Sherbrooke*
*Stéphane Dubreuil, Senior Vice President
Strategy and Consumer Marketing,
TELUS Communications Company*

9:00 - 10:30 am *Westmount/Outremont*

PLENARY SESSION

**Plenary 1 - The Economic and Public Policy
Implications of Emerging Technologies**

Chair

Brigitte Preissl, Intereconomics

Panelists

*Richard Whitt, Washington Telecom
and Media Counsel, Google*

*Morgan Elliot, Executive Director of Global Policy
and Government Affairs, CISCO*

*Dragan Nerandzic, Chief Technology Officer,
Ericsson Canada Inc.*

*Michael Lee, Chief Strategy Officer,
Rogers Communications Inc.*

Dennis Weller, Chief Economist, Verizon

10:30 - 11:00 am *Foyer*
Break - *Sponsored by
Criterion Economics, L.L.C.*

11:00 - 12:30 pm **PARALLEL SESSIONS**

Lasalle **Session 1.1**
Evolving Market Structure 1

Chair

*Marcel Boyer, Bell Canada Professor of
Industrial Economics, Université de Montréal
Vice-President and Chief Economist,
Montréal Economic Institute*

- **Intermodal telecommunications competition:
Implications for regulation**

*William Taylor, Senior Vice President, National
Economic Research Associates, Inc. (NERA)*

- **Competition between blended traditional
and virtual sellers**

*Gary Madden, Professor,
Curtin University of Technology*
T. Randolph Beard, Auburn University

- **The evolving structure of the worldwide
telecommunications industry 1997-2007**

*Peter Curwen, Visiting Professor of
Telecommunications, Strathclyde University*

- **The "dominant" firm revisited:
The case of telecommunications**

*Timothy Tardiff, Managing Director,
Huron Consulting Group*
Dennis Weisman, Kansas State University

Lachine **Session 1.2**
*Competition, Regulation and
Next Generation Networks 1*

Chair

Dieter Elixmann, WIK-Consult GmbH

- **Mobile virtual network operators - economic
assessment and policy framework**

*Christian M. Dippon, Vice President, National
Economic Research Associates, Inc. (NERA)*

- **Regulation of international roaming beyond 2010**

Morten Falch, Associate Professor, CICT DTU
Anders Henten, CICT DTU

- **Potential scenarios and drivers of the 4g evolution**
Elias Aravantinos, Stevens Institute of Technology, Wesley J. Howe School of Technology Management
M. Hosein Fallah, Stevens Institute of Technology, Wesley J. Howe School of Technology Management

Verdun

Session 1.3
Growth Strategies and Financial Performance 1

Chair*Christos Agiakloglou, University of Piraeus*

- **Impact factors on quality investments in telecommunication infrastructure**
Tobias Veith, Research Fellow, Centre for European Economic Research (ZEW), Department of Industrial Economics and International Management
- **Corporate strategic actions and performance among RBOCS (1984-2004)**
Jay Lee, Professor, California State, University of Sacramento
- **The transformation of telecoms industry structure: An event study**
Olaf Rieck, Nanyang Business School

Cote St-Luc

Session 1.4
Changing Demands for ICT Services 1

Chair*Jason Whalley, Strathclyde Business School*

- **The new ICT ecosystem: Implications for Europe**
Martin Fransman, Professor, University of Edinburgh
- **Techno-economic models for mobile content**
Claudio Feijoo, Scientific Fellow, IPTS, JRC, EC
Ioannis Maghiros, IPTS, JRC, EC
Jose-Luis Gomez-Barroso, UNED
- **Different business and consumer usage shaping wide area networks**
Craig Randall, Ph.D. Student, Bentley College
Claudia Loebbecke, Department of Media and Technology Management, University of Cologne
- **The demand for video services**
Paul Rappoport, Temple University
James Alleman, University of Colorado
Gary Madden, Curtin University

Mont-Royal

Session 1.5
Broadcasting

Chair*Christopher Sterling, George Washington University*

- **Measuring the value of Japanese public broadcasting in the age of convergence of broadcasting and telecommunications**
Masatsugu Tsuji, Professor, University of Hyogo
Shoichi Miyahara, Aoyama Gakuin University
- **Whet Chinese appetite: Viewing preference of American and Korean TV dramas among Chinese young-adult audiences**
Qiaolei Jiang, Ph.D. Student, The Chinese University of Hong Kong
- **An analysis on demand for new devices in transition from terrestrial broadcasting to digital: The case of digital television**
Norihiro Kasuga, Associate Professor, Kobe University
Zeng Li, Kobe University
Manabu Shishikura, Nagasaki University
- **A study on introducing universal service into the broadcasting industry: Lessons from Korea**
Jai Bin Jang, Student, Yonsei University
Myeong Ho Lee, Professor

Hampstead

Session 1.6
Service Convergence: Industry and Regulatory Implications 1

Chair*Juergen Mueller, Berlin School of Economics (FHW)*

- **Regulatory implications of “unified communications”: Will Microsoft be the world’s biggest phone company?**
Richard D. Taylor, J.D., Ed.D., Palmer Chair and Professor of Telecommunications Studies, Co-Director, Institute for Information Policy, The Pennsylvania State University
- **Roadmap towards a more consistent regulatory approach for mobile TV**
David Stevens, Legal Researcher, ICRI - K.U.Leuven - IBBT
Katrien Lefever, ICRI - K.U.Leuven - IBBT
Peggy Valcke, ICRI - K.U.Leuven - IBBT

- **From analog to digital: Technological redeployment in the US cable industry and its competitive implications**

Claudia Loebbecke, Department of Media and Technology Management, University of Cologne
Wilson Wong, Bentley College

- **Technological convergence and regulatory conflicts in Korea**

Chang Ho Yoon, Professor of Economics, Korea University

Fundy

Session 1.7
Evolution of Wireless Services: Technology, Markets, Regulation 1

Chair

Carol McDonough, University of Massachusetts

- **Business models and business role interaction for wireless broadband access services provided by non-telecom actors and by mobile network operators**

Jan Markendahl, Wireless@KTH
Östen Mäkitalo, Wireless@KTH

- **Locking down the third screen: How wireless firms thwart users' access to content**

Rob Frieden, Pioneers Chair and Professor of Telecommunications and Law, Penn State University

- **Customer confusion in mobile telecommunications markets**

Justus Haucap, Professor of Economics, University of Erlangen-Nuremberg
Ulrich Heimeshoff, Ruhr-University of Bochum
Ralf Dewenter, Ruhr-University of Bochum
Christian Pfeil, University of Wuppertal

- **Cellular demand analysis in South Africa: Urban versus rural patterns of consumption**

Farid Gasmî, Toulouse School of Economics (ARQADE, GREMAQ, IDEI)
Marc Ivaldi, Toulouse School of Economics (EHESS, GREMAQ, IDEI)
Laura Recuero Virto, Toulouse School of Economics (GREMAQ)

2:30 - 2:00 pm *Fontaine B*

Luncheon - Guest Speaker

Leonard Katz, Vice-Chairman, Telecommunications, Canadian Radio-television and Telecommunications Commission

2:00 - 3:30 pm

PARALLEL SESSIONS

Lachine

Session 2.1
Competition, Regulation and Next Generation Networks 2

Chair

Paolo Siciliani, Office of Fair Trading, Fleetbank House

- **Competition and services in next generation networks - first solutions and new challenges**
Wolfgang Reichl, Director, OEFEG
Ernst-Olav Rühle, Juconomy Consulting AG
- **Next generation mobile networks development: Technical, regulatory and strategic issues of the roll-out of in-building solutions in high traffic places**
Antolin Moral, Ph.D. Researcher, Polytechnic University of Madrid
Jorge Perez, Polytechnic University of Madrid
Arturo Vergara, Polytechnic University of Madrid
- **Analysis of European mobile network operators strategies towards next generation mobile networks deployment**
Sergio Ramos, Coordinator of Infrastructure Deployment, REDTEL
José Luis Gómez-Barroso, Associate Professor, UNED
Claudio Feijóo, Senior Research Fellow, IPTS-European Commission
Arturo Robles, Ph.D. Researcher, UPM

Verdun

Session 2.2
Measuring Regulatory Efficiency and Effectiveness: Benchmarks, Models and Transferability 1

Chair

William Withers, Executive Chairman, Public Utilities Commission, Anguilla BWI

- **Assessing the UK experience of functional separation in fixed telecommunication markets**
Jason Whalley, Senior Lecturer, University of Strathclyde
Peter Curwen, University of Strathclyde

- **Principle-based systems for telecommunications regulation: A new model that moves beyond the ex ante versus ex post debate**

Ken Jull, of Counsel, Baker & McKenzie LLP and Member, Adjunct Faculty, University of Toronto Faculty of Law, and Osgoode Hall Law School

Stephen Schmidt, Chief Regulatory Legal Counsel, TELUS Communications Company

- **Measuring barriers to trade and investment in telecommunications**

Eng Kooi Lim, Ph.D., Economist, Economic Policy and Enforcement Branch, Competition Bureau

Zhiqi Chen, Carleton University

- **The measure and regulation of competition in telecommunications**

Marcel Boyer, Bell Canada Professor of Industrial Economics, Université de Montréal, Vice-President and Chief Economist, Montréal Economic Institute, Fellow of CIRANO

Cote St-Luc

Session 2.3

Spectrum Management: Tools and Technology Impact

Chair

Alain Houle, Université de Sherbrooke

- **A study for spectrum license selection of 2.5GHz wireless broadband access in Japan**

Yoshihisa Matsumoto, Ph.D. Candidate The Graduate University for Advanced Studies

Hitoshi Okada, Associate Professor, Information and Society Research Division, National Institute of Informatics

Masashi Ueda, Assistant Professor, Information and Society Research Division, National Institute of Informatics

- **Designing a mechanism for reallocating spectrum as a resource with vested right and externalities**

Hajime Oniki, Professor, Osaka-Gakuin University

- **The theory and practice of spectrum allocation**

Koshiro Ota, Professor, Hiroshima Shudo University

Norihiro Kasuga, Kobe University

- **Impact of cognitive radio technology on spectrum management policy**

Kiyotaka Yuguchi, Associate Professor, Sagami Women's University

- **Assessment of spectrum management options**

Erik Bohlin, Associate Professor, Chalmers University

Joakim Björkdahl, Assistant Professor, Department of Technology Management & Economics, Chalmers University of Technology

Colin Blackman, Editor, Info - The Journal of Policy Regulation and Strategy for Telecommunications & Foresight - The Journal for Future Studies Strategic Thinking and Policy

Simon Forge, Director, SCF Associates

Mont-Royal

Session 2.4

Broadband Development 1

Chair

Dennis Weller, Chief Economist, Verizon

- **A policy-relevant means of comparing broadband adoption among countries**

Thomas Koutsky, Resident Scholar, Phoenix Center for Advanced Legal and Economic Public Policy Studies

George S. Ford, Phoenix Center

Lawrence J. Spiwak, Phoenix Center

- **Toward wholesale markets in last-mile bottleneck facilities: Market and policy challenges**

Lorenzo Pupillo, Executive Director, Telecom Italia & Columbia Institute for Tele Information

Alain Bourdeau de Fontenay, CITI, Columbia Business School

William Lehr, Massachusetts Institute of Technology

- **Diffusion of the broadband internet and the structural separation**

Arata Kamino, Executive Director, InfoCom Research, Inc.

Hidenori Fuke, Professor, Komazawa University

Hampstead

Session 2.5

Revision of the EU Telecom Framework and Its Performance Across Europe 1

Chair

Michael Ryan, Arnold & Porter LLP

- **Review of the EU's electronic communications regulatory framework: The significance of a possible European telecommunications market authority**

Seamus Simpson, Principal Lecturer, Manchester Metropolitan University

- **A single European regulator**
Ewan Sutherland, Research Fellow, LINK Centre, University of Witwatersrand
- **To what extent European commission and national regulatory authorities (NRAs) will share powers under the lights of EU's 2006 review of the electronic communication framework?**
Turgut Ayhan Beydogan, Member of Board, Telecommunications Authority of Turkey
- **The problem of inconsistent regulatory implementation and the review of European Union regulatory policy**
Professor Peter Humphreys, School of Social Sciences (Politics), The University of Manchester

Fundy

Session 2.6
ICT, Productivity and Demand Forecasting

Chair

*Sudharma Yoonaidharma, Commissioner
The National Telecommunications Commission*

- **Enabling services – A new business perspective for wholesale network operators**
Ruediger Zarnekow, Head of Information and Communication Management, Technical University of Berlin, FG IKM
Walter Brenner, University of St. Gallen
Andreas Sidler, University of St. Gallen
Jochen Wulf, Technical University of Berlin
- **Demand side analysis, consumer empowerment and telecommunications policy**
Patrick Xavier, Swinburne University of Technology
Dimitri Ypsilanti, OECD
- **Simulating market scenarios based on conjoint analysis**
Carlo Hjelkrem, Senior Market Analyst, Telenor Nordic, Consumer

St. Pierre

Session 2.7
Panel

- **A panel on private equity and telecommunications Chair**
*Hudson Janisch, Osler, Hoskin & Harcourt
Chair of Law and Technology Professor Emeritus,
University of Toronto*
- Panelists**
Lawson Hunter, BCE
Raul L. Katz, CITI Columbia Business School
*William Melody, Technical University of Denmark
and London School of Economics*

3:30 - 4:00 pm

Foyer Break - Sponsored by Osler,
Hoskin & Harcourt LLP

4:00 - 5:30 pm

PARALLEL SESSIONS*Lasalle*

Session 3.1
**Universal Access: Definitions,
Delivery and Alternatives 1**

Chair*Leslie Shade, Concordia University*

- **Subsidies and distorted markets: Do telecom subsidies affect competition?**
*Eric Chiang, Associate Professor of Economics,
Florida Atlantic University*
*Mark Jamison, Director, PURC,
University of Florida*
- **Inequality and economic growth: Should we be concerned by the digital divide?**
*Alain Bourdeau de Fontenay,
CITI, Columbia Business School*
Fernando H. Beltran, University of Auckland
- **Challenges of universal access in new wireless telephony opportunities**
*Jean Lavoie, Ph.D. Student,
Université de Sherbrooke*
Alain C. Houle, Université de Sherbrooke
- **Digital poverty – An analytical framework**
*Roxana Barrantes, Senior Researcher,
Instituto de Estudios Peruanos*

Lachine

Session 3.2
Pricing**Chair***Brigitte Preissl, Intereconomics*

- **Regulatory policy impacts on pricing and performance: An econometric analysis of global telephony markets 2002–2007**
Aniruddha Banerjee, Vice President, Analysis Group, Inc.
Gary Madden, Curtin University of Technology
- **Network effects and social network based telecom pricing strategy**
Jun Zhang, Ph.D. Student, Department of Telecommunication, Michigan State University
- **Access regulation under asymmetric information about demand**
João Vareda, Ph.D. Student, Universidade Nova de Lisboa
- **Coping with heterogeneity in cross-national comparisons of prices for communication services**
Johannes Bauer, Professor, Michigan State University
Sungjoong Kim, Michigan State University
- **Analysis of benefits of operator cooperation using end-user and operator performance metrics**
Petteri Poyhonen, Nokia Siemens Networks
Jan Markendahl, Wireless@KTH

Verdun

Session 3.3
Regulation and
Competition Policy:
Rivalry or Complementarity**Chair***Paul Richards, British Telecom*

- **Essential facilities and Canadian telecommunications regulation: Using economics and competition policy to get back on track**
David Krause, Director - Economic Analysis, Bell Canada
Jonathan Blakey, Bell Canada
- **Regulation vs investment: Striking an appropriate balance**
Martyn Taylor, Senior Associate, Freehills

- **After telecom competition: Is there anything left for regulators to do?**

*Stanford L. Levin, Emeritus Professor of Economics, Southern Illinois University Edwardsville**Stephen Schmidt, Chief Regulatory Legal Counsel, TELUS Communications Company*

- **The end or the means? The pursuit of competition in regulated telecommunications markets**
Bronwyn Howell, Victoria University of Wellington

Cote St-Luc

Session 3.4
Changing Demands
for ICT Services 2**Chair***Martin Fransman, University of Edinburgh*

- **Innovation without property rights and property rights without innovation: Recent developments in the ICT sector**
P.M Rao, Professor, Long Island University/C.W.Post Campus
Joseph A. Klein, Esq
- **Consumers' preference for flat rates: A case of media access fees**
Hitoshi Mitomo, Professor, Waseda University
Tokio Otsuka, Researcher, Waseda University
- **Comparative analysis of information communications technology use among Japanese SMEs**
Teruyuki Bunno, Associate Professor, Kinki University
Hiroki Idota, Otemon Gakuin University
Masatsugu Tsuji, University of Hyogo
- **Internet embeddedness: Links with online health information seeking, expectancy value/quality of health information websites, and internet usage patterns**
Louis Leung, Associate Professor, Chinese University of Hong Kong

Mont-Royal

Session 3.5
Broadband Development 2**Chair***Profesor Fallah, Associate Professor, Technology Management, Stevens Institute of Technology*

- **Mobile internet adoption and use: Results from a national survey in Sweden**
Erik Bohlin, Professor, Chalmers University
Oscar Westlund, Gothenburg University

- **An empirical study of Japanese ADSL development by panel data analysis on four major ADSL carriers**

Yuji Akematsu, Graduate Student, Graduate School of Applied Informatics, University of Hyogo

- **The influence of the diffusion of triple-play services and IPTV on actor's position in the vod business network: The French case**

Pierre Vialle, Professor, Institut National des Télécommunications

Nabyla Daidj, Institut National des Télécommunications

Hampstead

Session 3.6

Changing Technologies, Intellectual Property Rights, and E-Government

Chair

Matthew Kellison, Competition Bureau

- **Intellectual property rights, innovation and competition: How they fail in the market for news**

Chris Borek, Vice President, Analysis Group, Inc.

- **When is a commitment to licensing rivals credible?**

Mihkel Tombak, University of Toronto

- **Implementing e-government: Obstacles and opportunities**

Lawrence Wood, Assistant Professor, Ohio University

Phyllis Bernt, Ohio University

Carol Ting, Ohio University

- **E-governance - policy, strategy, prescription and prospect for the common person: A case study of the government of India vis-à-vis the government of Orissa**

Kailash Nath, Chairperson-cum-Managing Director, ASAR Software Technology Pvt Ltd

Anirudha Baral, ASAR Software Technology Pvt Ltd

St. Pierre

Session 3.7

Telecommunications and Development 1

Chair

Eng Kooi Lim, Ph.D. Economic Policy and Enforcement Branch, Competition Bureau

- **Process over substance: Why regulatory process is more important than substantive regulatory decisions**

Paul Kouroupas, Vice President, Regulatory Affairs, Global Crossing Limited

- **Causal relationship between telecommunications and economic growth: A study of 100 countries**

Alice Shiu, Assistant Professor, The Hong Kong Polytechnic University

Pun-Lee Lam, The Hong Kong Polytechnic University

- **VoIP in developing countries: The next disruptive technology?**

James Alleman, University of Colorado & Columbia University

*Paul Rappoport, Temple University & CENTRIS
Gary Madden, Curtin University*

- **Long-term sustainability of tele-centers: Comparing model cases**

Andrea Kavanaugh, Senior Research Scientist, Virginia Tech

- **The impact of telecoms regulatory reform on national economic growth**

Amit K. Maitra, Managing Director, Satlink Communications

6:30 pm

Dinner - Marché Bonsecours
Wine sponsored by Cogeco

Buses will depart promptly from the street in front of the hotel (de la Gauchetière Street) at 6:30 pm

Thursday, June 26th, 2008

INTERNET ROOM - *Sponsored by AVW-TELAV*
The Fontaine C room will be open Wednesday, Thursday and Friday from 7:00 am - 5:30 pm for delegates and speakers who require internet access.

7:00 - 5:00 pm

Outremont/Westmount Foyer
Registration

7:30 - 8:30 am

Fontaine B
Breakfast

8:30 - 10:00 am

PARALLEL SESSIONS

Lasalle

Session 4.1*Evolving Market Structure 2***Chair***Aniruddha Banerjee, Analysis Group, Inc.*

- **Measuring concentration in communications markets**

Natascha Just, Hertha Firnberg Scholar, University of Vienna

- **Regulatory friction and the reverse cellophane fallacy**

Debra J. Aron, Adjunct Associate Professor, Northwestern University, Director, LECG
David E. Burnstein, Managing Economist, LECG

- **Functional separation in telecoms in a changing technical environment**

Ernst-Olav Ruhle, CEO, Juconomy Consulting
Wolfgang Reichl, ÖFEG

- **The new "emergence economics" of growth and innovation, and what it means for communications policy**

Richard Whitt, Washington Telecom and Media Counsel, Google
Stephen Schultze, Fellow, Berkman Center for Internet and Society, Harvard Law School

Lachine

Session 4.2*Competition, Regulation and Next Generation Networks 3***Chair***Alan Hamilton, TELUS Communications Company*

- **Interoperability-centric problems: New challenges and legal solutions**

Turgut Ayhan Beydogan, Member of Board, Telecommunications Authority of Turkey
Mehmet Bilal Unver

- **Incentive-compatible regulation of the vertically differentiated broadband access market**

Thomas Kiessl, Ph.D. Student, Ifo Institut for Economic Research

- **Can sector specific regulations survive with convergence between telecommunications and broadcasting?**

Su-Yeon Lim, Graduate Student, Graduate School of Information, Yonsei University
Myeong Ho Lee, Professor

Verdun

Session 4.3*Measuring Regulatory Efficiency and Effectiveness: Benchmarks, Models and Transferability 2***Chair***Bronwyn Howell, Victoria University of Wellington*

- **On the efficiency, effectiveness, and cost of regulation: The case of telecommunications**

Antonio Sciala, Assistant Professor, University of Padua - Dipartimento di Scienze Economiche "Marco Fanno"
Paolo Lupi, AGCOM
Fabio Manenti, University of Padua

- **How effective has regulation been in Latin American countries?**

Federico Kuhlmann, Head, Digital Systems Department, Itam
Judith Mariscal, Cide-Telecom

- **Hong Kong and Singapore: Two Asian models of telecommunications regulation?**

Richard Wu, Associate Professor, Faculty of Law, University of Hong Kong
Grace Leung, School of Journalism and Communication, The Chinese University of Hong Kong+

- **Year in review: Telecom in the United States**

Christopher S. Huther, Sheppard Mullin Richter & Hampton LLP
Megan H. Troy, Sheppard Mullin Richter & Hampton LLP

*Mont-Royal***Session 4.4**
*Broadband Development 3***Chair***Pierre Vialle, Institut National
des Télécommunications*

- **International regulatory comparisons: The evolution to IP-based fibre**
*J Scott Marcus, Department Manager,
WIK-Consult GmbH*
Dieter Elixmann, WIK-Consult GmbH
- **Competition and access price regulation in the broadband market**
*Nelli Valmari, Ph.D. Student,
Helsinki School of Economics*
*Michiel Bijlsma, CPB Netherlands Bureau
for Economic Policy Analysis*
*Viktoria Kócsis, CPB Netherlands Bureau
for Economic Policy Analysis*
- **Varieties of capitalism in the OECD: An empirical study of broadband regulatory framework**
*Jose Maria Castellano, Visiting Scholar,
Columbia Institute of Tele-Information (CITI),
Columbia University*
- **The economic impact of broadband: A simultaneous approach**
*Pantelis Koutroumpis, Ph.D. Candidate,
Tanaka Business School, Imperial College London*

*Fundy***Session 4.5**
*Evolution of Wireless
Services: Technology,
Markets, Regulation 2***Chair***Erik Bohlin, Chalmers University*

- **The evolutionary ecology of information and communication networks**
*David McCarty, Assistant Professor,
East Carolina University*
- **Beyond diffusion: The effective use of ICTs for livelihood development?**
*Michelle Helen Commosoung,
University of the West Indies*
Lloyd G. Waller, University of the West Indies

- **SD-WAN: A technology for bandwidth and traffic switching efficiency**
Alain C. Houle, Professor, Université de Sherbrooke
Louis-Patrick Boulianne, do Networks
Louis Dupras, do Networks
- **Estimating the switching costs of changing mobile phone carriers in Japan: Evaluation of SIM card locks**
*Akihiro Nakamura, Associate Professor,
Tezukayama University*

*St. Pierre***Session 4.6**
Panel

- **Using new ideas about complex systems to regulate and manage in the communications sector**
Pat Longstaff, Professor, Syracuse University
Barbara Cherry, University of Indiana
Johannes Bauer, Michigan State
*Carleen F. Maitland, Assistant Professor
of Information Sciences and Technology,
Pennsylvania State University*

*10:00 - 10:30 pm***Foyer
Break** - Sponsored by
*Criterion Economics, L.L.C.**10:30 - Noon**Westmount/Outremont***PLENARY SESSION****Plenary 2 - Regulatory Perspectives on the
Emerging Telecommunications Structure****Chair***Michael Ryan, Partner, Arnold & Porter LLP***Panelists***Annegret Groebel, Head of International Coordination,
Federal Network Agency, Germany**Danny Lau, Assistant Director (Operation), Office
of the Telecommunications Authority, Hong Kong**Ian Scott, Chief Policy Advisor to the Chair,
Canadian Radio-television
and Telecommunications Commission**Hank Intven, Partner, McCarthy Tétrault LLP**Noon - 1:30 pm**Fontaine B***Luncheon and Student Paper Awards****Presented by***Alan Bernardi, General Manager,
Bell University Laboratories**Awards sponsored by BELL*

1:30 - 3:00 pm

PARALLEL SESSIONS

Lachine

Session 5.1*Competition, Regulation and Next Generation Networks 4***Chair***Christopher Marsden,
University of Essex Law School*

- **Voice over IP in the WiFi network business models: Will voice be a killer application for WiFi public networks?**

*Jorge Infante, Associate Professor,
Universitat Pompeu Fabra**Boris Bellalta, Universitat Pompeu Fabra*

- **The comeback of rights-of-way as essence for facilities based NGA and broadband roll out**

*Jörg Kittl, Senior Consultant,
Juconomy Consulting**Ernst-Olav Ruhle, Managing Director,
Juconomy Consulting**Fabian Schuster, Attorney at Law*

- **Regulation and innovation: The case of broadband technologies**

*Anastassios Gentzoglakis, Professeur titulaire,
Département de finance, Faculté d'Administration,
Université de Sherbrooke*

Verdun

Session 5.2*Growth Strategies and Financial Performance 2***Chair***Alain Bourdeau de Fontenay,
CITI, Columbia Business School*

- **Solving Metcalfe's paradox - Competition in growing communication network markets**

*Kai Hueschelrath, Research Fellow,
Centre for European Economic Research (ZEW)**Tobias Veith, Centre for European Economic
Research (ZEW)*

- **Should the size of the economy matter in telecommunications policy? An efficiency study**

*Pavlos Symeou, Ph.D. Student in Management
Studies, Judge Business School, University of
Cambridge*

- **Evaluation of VaR using GARCH models for European telecommunications companies**

*Christos Agiakloglou, Associate Professor,
University of Piraeus - Department of Economics
Konstantinos Bloutsos, University of Piraeus*

Cote St-Luc

Session 5.3*Changing Demands
for ICT Services 3***Chair***Hitoshi Mitomo, Waseda University*

- **Development of a consumption model for data - and value added services in mobile communications under consideration of communication habits**

*Matthias Pohler, Post Doc,
Technische Universität Dresden**Georg Schuch, Technische Universität Dresden*

- **Technological competency of leading ICT firms: US panel data evidence**

*Warren Kimble, Research Associate,
Curtin University of Technology*

- **Analyzing the effectiveness of communication platforms for electronic commerce: A three-dimension framework**

*Yan Xu, Associate Professor, Hong Kong
University of Science and Technology**Sean Xin Xu, HKUST Business School**Xu Yan, HKUST Business School**Xiaona Zheng, Assistant Professor,
Peking University*

Mont-Royal

Session 5.4*Regulation, the Internet
and Network Neutrality 1***Chair***Craig McTaggart,
TELUS Communications Company*

- **Network neutrality, industry structure and implications on welfare**

*Emin Koksal, Research Assistant,
Bahcesehir University*

- **Network neutrality: Legal answers from an EU perspective**

*Peggy Valcke, Lecturer; Postdoctoral Researcher
ICRI K.U.Leuven - IBBT**Liyang Hou, ICRI K.U.Leuven - IBBT**David Stevens, ICRI K.U.Leuven - IBBT*

- **Getting what you pay for: Analyzing the net neutrality debate**
Mark Jamison, Director, PURC, University of Florida
Janice Hauge
- **A two sided view of net neutrality: US and EU competition policy towards discriminatory conduct by access platforms**
Glenn Woroch, Adjunct Professor of Economics University of California
- **How low can they go?: The future of broadband access prices with and without net neutrality**
Hal Singer, President, Criterion Economics, L.L.C.

Hampstead

Session 5.5
Panel

LIRNE Panel I - New regulatory approaches in the face of rapidly changing demand: Research from four continents presented by LIRNE.NET

Opening Remarks by Session Chair

Randy Spence, Ph.D., Director, Economic and Social Development Affiliates (ESDA) and former Senior Economist, International Development Research Centre

- **Mobile opportunities: Poverty and telephony access in Latin America and the Caribbean**
Hernan Galperin, Ph.D., Associate Professor, Universidad de San Andrés, and the Annenberg School for Communication at the University of Southern California
- **Towards an African E-Index: Understanding individual and household ICT access and usage**
Alison Gillwald, Associate Professor, University of the Witwatersrand, and former Councillor, Independent Communications Authority of South Africa

- **Non-owner teleusers at the bottom of the pyramid (BOP) in emerging Asia**
Helani Galpaya, Director Strategic Development, LIRNEasia and former Senior Manager, ICT Agency of Sri Lanka

Discussants' Comments

Yu-Li Liu, Ph.D., Professor, National Chengchi University and Commissioner, National Communications Commission

William H. Melody, Ph.D., Professor, Denmark Technical University and LIRNE.NET

St. Pierre

Session 5.6
Telecommunications and Development 2

Chair

Heather Hudson, University of San Francisco

- **Digital divide among low income people in Colombia, Mexico and Peru**
Luis Hernando Gutiérrez, Associate Professor, Universidad del Rosario
Luis Fernando Gamboa, Universidad del Rosario
- **Substitution and complementarities in telecom services use among the urban poor. A case study of Peru.**
Roxana Barrantes, Senior Researcher, Instituto de Estudios Peruanos
- **Designing a wireless broadband network for developing countries: A proposal for Mexico**
Arturo Robles Rovalo, Doctorate Student UPM - UNAM
Claudio Feijóo González, Institute for Prospective Technological Studies (IPTS)
José Luis Gómez Barroso, Universidad Nacional de Educación a Distancia (UNED)
- **Broadband impact on state GDP: Direct and indirect effects**
Christopher Garbacz, Consultant
Herbert G. Thompson, Jr., J. Warren McClure School of Information and Telecommunication Systems, Ohio University

Fundy

Session 5.7
Evolution of Wireless Services: Technology, Markets, Regulation 3

Chair

Paul Richards, British Telecom

- **Spectrum rights, downstream access and capacity investment in mobile telecommunications**
Michiel Bijlsma, Researcher, Netherlands Bureau for Economic Policy Analysis (CPB)
Gijsbert Zwart, Netherlands Bureau for Economic Policy Analysis (CPB)
- **Value added services and new business roles for support of mobile professional users and project working processes**
Jan Markendahl, Wireless@KTH
Per Andersson, Stockholm School of Economics

- **Access alternatives to mobile services and content: A techno-economic analysis**

*Timo Smura, Researcher,
TKK Helsinki University of Technology*

3:00 - 3:30 pm

Foyer

Break - Sponsored by Osler,
Hoskin & Harcourt LLP

3:30 - 5:00 pm

PARALLEL SESSIONS

Lachine

Session 6.1

*Competition, Regulation and
Next Generation Networks 5*

Chair

George Ford, Phoenix Center

- **Time for revision: The regulation of Germany's next generation networks in the light of new economic and technological challenges on telecom markets**

*Markus Fredebeul-Krein, Professor,
Aachen University of Applied Science*

- **Access regulation of NGA – a financial, market-led solution to bridge the gap between EU and US diverging regulatory approaches**

*Paolo Siciliani, Markets and Projects -
Infrastructure, Office of Fair Trading,
Fleetbank House*

- **Comparative analysis of operators' strategies for the rollout of next generation access infrastructure in European markets**

*Arturo Vergara, Ph.D. Researcher,
Polytechnic University of Madrid
Jorge Pérez, Polytechnic University of Madrid
Antolín Moral, Polytechnic University of Madrid*

Cote St-Luc

Session 6.2
Panel

- **Comparison between US and EU regulation of electronic communications**

Chair

*J Scott Marcus, Department Manager,
WIK-Consult GmbH*

Panelists

*Heinrich Otruba, Professor, Research Institute
for Regulatory Economics, Vienna University
of Economics and Business Administration*

Ingo Vogelsang, Professor, Boston University

*Johannes Bauer, Professor,
Michigan State University*

Mont-Royal

Session 6.3
Broadband Development 4

Chair

Christian Dippon, NERA

- **If you step on this rung you may lose your balance: Is bitstream the highest spot on the ladder of investment?**

Rob Nicholls, Consultant, Gilbert + Tobin

- **New information policy marketing: A case study of M-Taipei initiative**

*Ming-Chang Chan, Doctoral Program Student,
The Graduate School of Global Information and
Telecommunication Studies (GITS), WASEDA
University*

- **Business partnership models of wireless broadband services: Case studies**

*Youngsun Kwon, Associate Professor,
Information and Communications University
Seungmi Yang, Daejeon University*

- **An international comparative analysis of consumer sovereignty in telecommunications and broadband: The evolving interrelationship among industry-specific, consumer protection, and competition laws**

Barbara Cherry, Professor, Indiana University

Hampstead

Session 6.4
Panel

LIRNE Panel II - New regulatory approaches in the face of rapidly changing demand: Research from four continents presented by LIRNE.NET

Opening Remarks by Session Chair

Hank Intven, Partner, McCarthy Tétrault LLP and Member, Telecom Policy Review Panel appointed by the Government of Canada (2005-06)

- **Banded forbearance: A new approach to price regulation**
Rohan Samarajiva, Ph.D., Executive Director, LIRNEasia and former Director General of Telecommunications
- **Universal service for next generation networks: Alternative funding mechanisms and public-private partnerships**
Anders Henten, Ph.D., Associate Professor, Technical University of Denmark
- **Scrapping the access deficit charge in India: A case of tardy regulatory response**
Payal Malik, Senior Research Fellow LIRNEasia, Reader in Economics, University of Delhi; Consultant, National Center for Applied Economic Research

Discussants' Comments

Sudharma Yoonaidharma, Ph.D., Member, National Telecommunications Commission

Roxana Barrantes, Ph.D., Research Associate & Board Member, Instituto de Estudios Peruanos and former Board Member of OSIPTEL, telecom regulatory agency

St. Pierre

Session 6.5
*Telecommunications and Development 3***Chair**

Leslie Shade, Concordia University

- **Increasing rural tele density in India - search for a viable model**
*Rekha Jain, Professor, Indian Institute of Management
G Raghuram, Indian Institute of Management*
- **Total factor productivity growth of China's telecommunications sector**
*Pun-Lee Lam, Associate Professor, The Hong Kong Polytechnic University
Alice Shiu, The Hong Kong Polytechnic University*
- **Providing cyber security and protection of critical information and infrastructures: A road map for developing countries**
*Turgut Ayhan Beydogan, Member of Board, Telecommunications Authority of Turkey
Cafer Canbay*

Fundy

Session 6.6
*Evolution of Wireless Services: Technology, Markets, Regulation 4***Chair**

Dimitri Ypsilanti, OECD

- **New product development and firm value in mobile handset production**
*Heli Koski, Head of Unit, ETLA
Tobias Kretschmer, LMU Munich*
- **How has internationalization affected the structure of the mobile telecommunications industry?**
*Peter Curwen, Visiting Professor of Telecommunications, Strathclyde University
Jason Whalley, Strathclyde University*
- **The structure of the United States' wireless telephone industry: Theory, reality, and the role of government regulation**
Carol McDonough, Professor of Economics, University of Massachusetts Lowell

- **Mobile services in sub-Saharan African countries: An analysis of the demand**

Isabelle Garron, Associate Professor, ENST

Free Evening

Friday, June 27th, 2008

INTERNET ROOM - *Sponsored by AVW-TELAV*
The Fontaine C room will be open Wednesday, Thursday and Friday from 7:00 am - 5:30 pm for delegates and speakers who require internet access.

7:00 - 5:00 pm *Outremont/Westmount Foyer*
Registration

7:30 - 8:30 am *Fontaine B*
Breakfast

8:30 - 10:00 am **PARALLEL SESSIONS**

Lasalle **Session 7.1**
Evolving Market Structure 3

Chair

Payal Malik, LIRNEasia

- **Diffusion with dueling platforms: Dynamic spillovers in the cable-telco broadband race**
Armando Levy, The Brattle Group
Glenn Woroch, Adjunct Professor of Economics, University of California
- **Market structure, demand patterns and investment in the telecommunications sector: A new model to analyze regulation policies**
Romain Lestage, Ph.D. candidate, Paris 13 University
David Flacher, Paris 13 University
- **The implications of community network rollouts on the future telecom market structure**
Jan Van Ooteghem, Researcher, Ghent University - IBBT
Koen Casier, Ghent University - IBBT
Bart Lannoo, Ghent University - IBBT
Sofie Verbrugge, Ghent University - IBBT
Mario Pickavet, Ghent University - IBBT

- **Incentives to innovate for an integrated network supplier and the market structure in the downstream market**

Nina Czernich, Junior Researcher, ifo Institute for Economic Research at the University of Munich

Verdun **Session 7.2**
Measuring Regulatory Efficiency and Effectiveness: Benchmarks, Models and Transferability 3

Chair

David Krause, Bell Canada

- **Regional harmonization of telecommunications regulatory frameworks outside the European Union: A case of the gulf cooperation council states**
Tomas Lamanuskas, Deputy General Director, Telecommunications Regulatory Authority of Bahrain
- **Can regulation foster investments or not? An operator's and a manufacturer's point of view**
Margit Brandl, Nokia Siemens Networks
Reinhard Wieck, Deutsche Telekom
- **The functional-focus approach to dual jurisdiction: The viability and ramifications of NARUC's task force report**
Phyllis Bernt, Professor, McClure School, Ohio University

Cote St-Luc **Session 7.3**
Changing Demands for ICT Services 4

Chair

Mathias Pohler, Technische Universität Dresden

- **The rapid diffusion of Web 2.0-based applications: A psychological perspective research**
Yan Xu, Associate Professor, Hong Kong University of Science and Technology
Nan Zhang, Ph.D. Student
- **A socio-technical interpretation of IT convergence services: Applying a perspective from actor network theory and complex adaptive systems**
Jeongho Kwak, Researcher, Yonsei University
Do Hun Kim, Graduate Student, Graduation School of Information, Yonsei University

- **Optimal bundling of communications services**

*Johannes Bauer, Professor,
Michigan State University*

*Tithi Chattopadhyay, Michigan State University
Jun Zhang, Michigan State University*

Mont-Royal

Session 7.4

Broadband Development 5

Chair

Claudio Feijoo-Gonzalez, IPTS, JRC, EC

- **Is it good to share? A case study of the FON and Meraki approaches to broadband provision**

*Catherine Middleton, Canada Research Chair,
Ryerson University*

*Amelia B. Potter, Community Wireless
Infrastructure Research Project*

- **New challenges in municipal broadband network management: From vertical integration to wholesale-retail model**

*Alberto Nucciarelli, Researcher,
Eindhoven Technical University*

*Bert M. Sadowski,
Eindhoven Technical University*

- **Exploring broadband network upgrading in a complex multi- disciplinary, multi-actor environment - An industry perspective**

*Marieke Fijnvandraat, Ph.D. Student,
Delft University of Technology,
Faculty of TPM, ICT Department*

*Harry Bouwman, Associate Professor
at Delft University of Technology,
Faculty of TPM, ICT department*

- **Modelling the adoption of digital TV: Economics and policy for the digital switch-over**

*Elad Harison, Assistant Professor,
University of Groningen*

*Nicola Matteucci,
DMOI-Marche Polytechnic University*

Hampstead

Session 7.5

*Service Convergence: Industry
and Regulatory Implications 2*

Chair

Richard Taylor, The Pennsylvania State University

- **Mobile vs fixed networks: Economics and regulation, the African experience**

Laurent Gille, Professor, Telecom Paris

- **The displacement effect of the converged service: IPTV as an example**

*Yu-li Liu, Professor, National Chengchi University
Hsu Wen Yi*

- **Some implications of interdependency in innovation in the telecoms sector**

*Paul Richards, Senior Regulatory Economist,
British Telecom*

Bruno Basalisco, Imperial College

- **Can competition regulate rates for basic services?**

*Harold Ware, Vice President, National Economic
Research Associates, Inc. (NERA)*

10:00 - 10:30 am

Foyer

Break - Sponsored by
Criterion Economics, L.L.C.

10:30 - 12:30 pm

Westmount/Outremont

PLENARY SESSION

**Plenary 3 - Regulatory Analysts' Perspectives
on Future Issues**

Chair

Richard Schultz, McGill University, Program Chair, ITS

Panelists

Robert Crandall, Brookings Institution

*Eli Noam, Columbia Institute for
Tele-Information, Columbia University*

Rekha Jain, IIM Ahmadabad India

*Minoru Sugaya, Institute for Media
and Communications, Keio University*

*Hudson Janisch, Osler, Hoskin & Harcourt
Chair of Law and Technology Professor Emeritus,
University of Toronto*

12:30 - 2:00 pm

*Fontaine B
Luncheon*

2:00 - 3:30 pm

PARALLEL SESSIONS

Lasalle

Session 8.1*Universal Access: Definitions, Delivery and Alternatives 2***Chair***Phyllis Bernt, McClure School, Ohio University*

- **The future of the e-rate: U.S. universal service fund support for public access and social services**

Heather Hudson, Professor, University of San Francisco

- **Canadian telecom policy: From the right to communicate to the consumer right of access**

Leslie Shade, Associate Professor, Concordia University, Department of Communication Studies

- **Re-examining universal service policies in telecommunications lessons from three South Asian countries**

*Payal Malik, Senior Fellow, LIRNEasia
Rohan Samarajiva, LIRNEasia*

- **Universal service, the regulation and application of this concept in Turkey and comparison with other countries**

Ayhan Tozer, Expert, Telecommunications Authority of Turkey

Lachine

Session 8.2*Trust and E-Commerce***Chair***Anastassios Gentzoglanis, Université de Sherbrooke*

- **The tragedy of the commons vs P2P success: An analysis of the conditions for cooperative sustainability in the file-sharing world**

*Carlos Macian, Professor, Universitat Pompeu Fabra**Jorge Infante, Universitat Pompeu Fabra*

- **Perceptual and personal determinants of trust on a commercial web site**

*Rihab Zarrai, Manager Account, LIGUE Laboratory, Jendouba University**Jamel-Eddine Gharbi, Ph.D., LIGUE Laboratory, Jendouba University*

- **An experiential approach of satisfaction in e-learning**

*Wafa Kort, Doctorate Student, LIGUE Laboratory, Jendouba University**Jamel-Eddine Gharbi, Ph.D., LIGUE Laboratory, Jendouba University*

Cote St-Luc

Session 8.3*Country Studies***Chair***Helani Galpaya, LIRNEasia*

- **The plausibility of the SCP paradigm for strategic industry analysis: Evidence from the Bulgarian mobile telecommunications industry**

*Nikolina Grigorova, Teaching Assistant, Berlin School of Economics**Juergen Mueller, Professor, Berlin School of Economics**Kai Hueschelrath, Centre for European Economic Research*

- **Research in government agency decisions: Observations about the FCC**

Daniel Brenner, Senior Vice President, Law & Regulatory Policy, National Cable & Telecommunications Association

- **Public-private partnerships and development: A new and effective model?**

Elizabeth Fife, Laura Hosman and Francis Pereira, Institute for Communications Technology Management, (CTM) Marshall School of Business, University of Southern California

Mont-Royal

Session 8.4*Regulation, the Internet and Network Neutrality 2***Chair***Erin Emmott, TELUS Communications Company*

- **Incentives for sabotage in electronic communications markets**

*Viktoria Kocsis, Researcher, CPB Netherlands, Bureau for Economic Policy Analysis**Michiel Bijlsma, CPB Netherlands Bureau for Economic Policy Analysis**Paul de Bijl, CPB Netherlands Bureau for Economic Policy Analysis*

- **Project-selection aiding system based on the web technologies and a Bayesian approach**

Mbibi Sidi Mahmoud Aidara, Assistant Professor (Professeur adjoint), Faculté des Sciences Juridiques, Economiques et de Gestion de Jendouba
Sangaré Cheick Oumar, Student in Computing Applied to Management
Tall Seydou, Student in Computing Applied to Management

- **Study on impact of charging internet service to the loyalties of the users**

JongTae Lee, Graduate (Ph.D. Course) Student ICU

- **Efficiency and sustainability of network neutrality proposals**

Toshiya Jitsuzumi, Faculty of Economics, Kyushu University, Visiting scholar at CITI of Columbia University

Hampstead

Session 8.5

Revision of the EU Telecom Framework and Its Performance Across Europe 2

Chair

Peter Humphreys, The University of Manchester

- **How market regulation affects network and service quality in related markets**

Gordon Jochem Klein, Research Fellow, Centre for European Economic Research (ZEW)
Justus Haucap, University of Erlangen-Nürnberg

- **Functional separation in telecommunications: A comparative analysis of infrastructural sectors**

Anders Henten, Associate Professor, CMI, Aalborg University
Morten Falch, CICT, DTU

- **Assessment of the effects of imposed regulatory obligations on the electronic communications market in Slovenia**

Matej Svigelj, Ph.D., Teaching and Research Assistant, University of Ljubljana, Faculty of Economics

- **Europe and investment in infrastructure with emphasis on electronic communications**

Pierre Larouche, Professor of Competition Law, Tilburg University (TILEC)

St. Pierre

Session 8.6

Telecommunications and Development 4

Chair

David McCarty, East Carolina University

- **The reliability of trade performance indicators in the new e-economy**

Semir Daskapan, Researcher, Delft University of Technology

- **E-commerce in Spain-2006**

Teodosio Perez, Assistant Professor, U Complutense
Teresa Garín-Muñoz, Universidad Nacional de Educación a Distancia

- **VSAT deployment for post-disaster relief and development: Opportunities and constraints for inter-organizational coordination among international NGOs**

Annemijn van Gorp, Post-Doctoral Fellow, Ryerson University

Louis-Marie Ngamassi Tchouakeu, Penn State University

3:30 - 4:00 pm

Westmount/Outremont Closing Session

Brigitte Preissl, Intereconomics

Announcement of the 2010 Biennial

6:30 pm

Dinner - Salle Windsor

Guest Speaker

Janet Yale, Executive Vice-President, Corporate Affairs, TELUS Communications Company

Dinner sponsored by TELUS

Entertainment sponsored by LECG

Wine sponsored by Arnold & Porter LLP