

June 28 (Monday)

Opening Plenary Session (10:30-12:30)

Ibuka Hall (ICC)

MC: Hitoshi Mitomo, Waseda University, Japan

Welcome Addresses (10:30 - 11:00)

- **Katsuhiko Shirai**, President of Waseda University, Japan
- **Erik Bohlin**, ITS Chair, Chalmers University of Technology, Sweden
- **Hidenori Fuke**, Chair of the Organizing Committee of the 18th Biennial Conference of ITS, Komazawa University, Japan
- **Minoru Sugaya**, President of JSICR, Keio University, Japan

Keynote Speeches (11:00 - 12:30)

- **Masamitsu Naito**, State Secretary for Internal Affairs and Communications, Japan
“**The Policy of Information and Communication Technology in Japan**”
- **Eli Noam**, Professor, Director, Columbia Institute for Tele-Information, Columbia Business School, Columbia University, USA
“**Convergence in America: The Re-assertion of American Leadership**”
- **Martin Cave**, Professor, Centre for Management under Regulation, Warwick Business School, University of Warwick, UK
“**Media Convergence and European Perspective**”

Lunch (12:30-14:00)

Rihga Royal Hotel Tokyo

(ITS members only)

Panel Discussion (14:00-15:30)

Ibuka Hall (ICC)

“Digital Convergence Reconsidered”

The panel aims to cast new light on the digital convergence between telecommunication and broadcasting in the US, Europe and Japan, and to discuss policy implications.

Moderator: Kiyoshi Nakamura, Professor, School of International Liberal Studies, Waseda University

Panelists:

- **Martin Cave**, Professor, University of Warwick, UK
- **Eli Noam**, Professor, Columbia University, USA
- **Masayoshi Sakai**, Senior Analyst, Information Industry Unit., Ministry of Economy, Trade and Industry (METI)
- **Masayuki Hirata**, President & CEO, InfoCom Research, Inc.
- **Takuro Imagawa**, Senior Planning Officer, Information & Communications Bureau, Ministry of Internal Affairs & Communications (MIC)

Outline

14:00 - 14:10 : **Masayoshi Sakai**

“Digital Convergence and Content Provision in Japan”

14:10 - 14:20 : **Masayuki Hirata**

“Digital Convergence and Mobile Solutions - Japanese Case Study”

14:20 - 14:30 : **Takuro Imagawa**

“The Impact of Digital Broadcasting on Digital Convergence in Japan”

14:30 - 14:45 : **Eli Noam**

Comment on the presentations

14:45 - 15:00 : **Martin Cave**

Comment on the presentations

15:00 - 15:20 : Rejoinder to the comments from Professors Eli Noam and Martin Cave

15:20 - 15:30 : Q & A and a summary by the moderator

June 28 (Monday)

Special Presentation (16:00-17:00)

Ibuka Hall (ICC)

Chair and Commentator: Hidenori Fuke, Komazawa University, Japan

Hajime Oniki, IEIR, Japan

Title: Cornerstones of a Regulatory Framework for the Development of Modern Telecommunications Networks

Speaker: Matthias Kurth,

Federal Network Agency, Germany

President of the Federal Network Agency, Germany

Vice Chairman of the Body of European Regulators for Electronic Communications

Vice Chairman of the Independent Regulators Group

Presentation Abstract:

The goal of boosting investment in modern broadband infrastructure while maintaining competition can be reached by carefully crafting a regulatory framework. With such a framework planning reliability can be increased for the market players.

The creation of such a framework revolves around two questions: How can the specific risks of broadband development be accommodated and how can suitable incentives for new investments by all or many companies be designed?

The concept thus proposed by the Federal network Agency is founded on four pillars:

- Reducing risks
- Secure the ability of market players to invest and innovate with reasonable access rules and charges
- Allow for a maximum amount of planning reliability
- Transparency

The author, as German regulator and vice chairman of BEREC has been working on such a framework on a national and European level. The debate on how to most effectively promote broadband growth has resulted in national cornerstones for the broadband strategy promoted by the government and a recommendation on next generation access (NGA) on the European level.

June 28 (Monday)

Room A (1A)

28-4-A : Communication Policy on Future (16:00-18:00)

Chair: Richard Taylor

- 28-4-A -1 **How to Decide on the Scope, Priorities and Coordination of Information Society Policy? Analytical Framework and Three Case Studies**
Martijn Poel^{1,2}, Linda Kool¹, Annelieke van der Giessen¹
¹ TNO, the Netherlands, ² Delft University of Technology, the Netherlands
- 28-4-A -2 **Regulatory Intervention or Disruptive Competition? Lessons from East Africa on the End of International Mobile Roaming Charges**
Alison Gillwald¹, Muriuki Mureithi^{1,2}
¹ Research ICT Africa, South Africa, ² Summit Strategies, Kenya
- 28-4-A -3 **The Implementation Experience of Setting up a Unified Regulator in Taiwan and Its Lessons for Mainland China**
Grace L K Leung¹, Faye Tong²
¹ The Chinese University of Hong Kong, China, ² University of Hong Kong, China
- 28-4-A -4 **Google's Demands in the US 700 MHz Auction: Do They Matter in Emerging Asia?**
Helani Galpaya
LIRNEasia, Sri Lanka
- 28-4-A -5 **The U.S. and "Data-Based" Communications Policy: Bridging the Metaphor Divide**
Richard Taylor
The Pennsylvania State University, USA

Room B (1B)

28-4-B : Digital Divide 1 (16:00-18:00)

Chair: Xu Yan

- 28-4-B -2 **Stimulus and Sustainability: Extending Rural Access to Broadband**
Heather E. Hudson
University of Alaska Anchorage, USA
- 28-4-B -4 **Telecommunications in Sub-Saharan Africa: Development and Regulatory Issues**
Laurent Gille
Telecom ParisTech, France
- 28-4-B -5 **Digital Divide in the Asia and Pacific in the Internet Age**
Yoko Nishioka
Komazawa University, Japan

Room C (2)

28-4-C : Network Neutrality (16:00-18:00)

Chair: Toshiya Jitsuzumi

- 28-4-C -1 **The Network Neutrality Incentive Problem and Impact of QoS Literacy**
Toshiya Jitsuzumi
Kyushu University, Japan

June 28 (Monday)

- 28-4-C -2 ***A Comparison of Network Neutrality Approaches in: U.S., Japan, and the European Union.***
Kenneth R. Carter¹⁾, J. Scott Marcus¹⁾, Adam J. Peake²⁾, Tomoaki Watanabe²⁾
¹⁾ wik-Consult, Germany, ²⁾ GLOCOM, Japan
- 28-4-C -3 ***Modelling Availability of Titles on P2P File Sharing Networks***
Petrus H Potgieter
University of South Africa (Pretoria), South Africa
- 28-4-C -4 ***Integrating Engineering Principles into the Network Neutrality Debate***
Christopher S. Yoo
University of Pennsylvania, USA
- 28-4-C -5 ***EU Policy on Net Neutrality - Out of Neutral, but Driving in the Right Direction?***
Michael H. Ryan
Arnold & Porter (UK) LLP, UK

Room D (3A)

28-4-D : [Organized Session 5] The Challenges of Unified Regulators in a Convergent Media Landscape (16:00-18:00)

Chair: Grace L K Leung

- 28-4-D -1 ***New Governance as Political Compromise in European Telecommunications: the Amended European Union Electronic Communications Regulatory Framework***
Seamus Simpson
Manchester Metropolitan University, UK
- 28-4-D -2 ***Regulatory Challenges in Transition: A Case Study of People's Republic of China***
Grace Li
University of Technology, Sydney (UTS), Australia
- 28-4-D -3 ***The Appraisal of the Converged Communication Regulator in Taiwan***
Yu-li Liu
National Chengchi University, Taiwan
- 28-4-D -4 ***The Law and Policy for Implementing a Unified Communications Regulator in the United Kingdom and Lessons for Hong Kong***
Richard Wu Wai Sang¹⁾, Grace L K Leung²⁾
¹⁾ University of Hong Kong, Hong Kong, ²⁾ The Chinese University of Hong Kong, Hong Kong
- 28-4-D -5 ***Malaysian Communication and Multimedia Commission: A Model of Unified Communications Regulator for Other Countries?***
Mohd Yazid Zul Kepli
International Islamic University Malaysia, Malaysia

Room E (3B)

28-4-E : ICT and Economic Growth 1 (16:00-18:00)

Chair: Koichiro Hayashi

- 28-4-E -1 ***Who Does Enjoy the ICT Development: an Investigation on the Role of ICT in the Asian Countries Using a Dynamic Panel Data***
Ibrahim Kholilul Rohman, Erik Bohlin
Chalmers University of Technology, Sweden

- 28-4-E -2 ***A Synthesized Model of ICT IN and FOR Development***
Kurt DeMaagd, Juhee Kang
Michigan State University, USA
- 28-4-E -3 ***The Role of ICT in Economic Growth of Korea: Productivity Changes across Industries since 1990s***
Hyun-Jun Jung¹⁾, Kyoung-Youn Na²⁾, Chang-Ho Yoon²⁾
¹⁾ KISDI, Korea, ²⁾ Korea University, Korea
- 28-4-E -4 ***Telecom Services and ICTs for Development: Approaches to Assessing Sector Performance***
Shruti Nair, Stephen D. McDowell
Florida State University, USA
- 28-4-E -5 ***Economic Effects of Digitizing Terrestrial Broadcasting: the Case of Japan***
Hitoshi Mitomo
Waseda University, Japan