FORUM
Programme

ITU TELECOM
ASIA 2004
Busan, Korea
7-11 September

Hosted by
the Republic
of Korea

Forum Programme Overview – "Asia leading the future"

All Forum Sessions will be held at the Busan Exhibition and Convention Centre (BEXCO)

PL *Plenary Sessions*	**B** *Business and Strategies*	**T** *Technology and Markets*	**POL** *Policy*	**TDS** *Telecom Development Symposium*	**YF** *Youth Forum*

Date	09h30-11h00	11h30-13h00	14h30-16h00		16h30-18h00	
Monday 6 September	*09h00-10h00* Youth Forum 1 Opening (by invitation only)	*10h00-13h00* Youth Forum 2 (by invitation only)				
Tuesday 7 September	**PL1** Forum Opening: Asia leading the future	**PL2** Connecting the next billion	**B1** Defining the personal mobile space	**B2** Capitalizing on content		
			T1 Voice over what?	**T2** Towards ubiquity		
			POL1 Promoting effective competition	*16h30-19h00* **TDS1** The challenges of evolving policy and regulation in a converged ICT era		
			14h00-17h00 Youth Forum 3 (by invitation only)			

Wednesday 8 September	**PL3 Building on broadband**	**PL4 Turning market demand into profit**	**B3 Converged entertainment platforms**	**B4 Digital transactions**
			T3 Affordable access	**T4 Advanced wireless technologies**
			POL2 Internet governance	*16h30-19h00* **TDS 2 Fostering development by embracing the wireless world**
			14h00-17h00 **Youth Forum 4 (by invitation only)**	
Thursday 9 September	**PL5 Enhancing trust and security**	**PL6 Implications of WSIS for Asia**	**B5 Making 3G global**	*17h00* **Youth Forum 5 Drafting Session**
			T5 Seamless quality communications	**T6 Future converged networks**
			14h30-18h00 **Youth Forum 6 Workshop (by invitation only)**	*15h30-18h00* **TDS 3 How can developing countries best ride the E-tide?**
				18h30-19h00 **Youth Forum 7 (by invitation only)**

Note: On 10-11 September a «Digital Bridges» workshop will be held in the BEXCO Convention Hall, focusing on methodologies for measuring the digital divide and technologies for overcoming it. The workshop, organized by ITU and MIC Korea, will be open to all Forum participants.

Notes:

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Introduction
to the Forum Programme
at ITU TELECOM ASIA 2004
Yoshio UTSUMI, ITU Secretary-General

The Asia-Pacific region is a world leader in terms of information and communications technology (ICT), particularly within sectors such as next generation mobile and broadband, with the Republic of Korea and Hong Kong, China, at the top of the global broadband league at the end of 2003.

The Asia-Pacific region encompasses not only some of the most advanced countries in the world but also some of the most populous and the potential for growth is enormous. The Forum at ITU TELECOM ASIA 2004 will address core areas relating to the region's ICT growth and development.

The Forum opening day, 7 September, brings together ministers and other senior officials for the first plenary session on the theme "Asia leading the Future". Plenary sessions will be held each morning and will cover a broad range of topics. These include: "Connecting the next billion" which will look at how to build upon the first billion ICT subscribers in order to reach the next one, "Turning market demand into profit" with a focus on ways to achieve success in today's market or "Implications of WSIS for Asia" that will consider how the Plan of Action from the WSIS (World Summit on the Information Society) can be implemented within the Asia-Pacific region.

Each afternoon the Forum will divide into 3 different areas to enable a more detailed discussion on the key areas driving the industry forward:

Business and strategies –will examine key areas driving growth of next generation mobile services, such as "Defining the personal mobile space" or "Making 3G global" –a session examining scenarios for the future of the different IMT-2000 technologies.

Technologies and markets –will examine the technologies that could shape the region's ICT future. Sessions such as "Advanced wireless technologies" will look at technologies such as Wi-Fi or WiMax that have the potential to boost access to ICTs in rural or less developed areas.

Policy –will provide an arena for debate on key topical areas, such as examining the management of Internet domain names and addresses –currently a very hot topic and one in which ITU is taking a significant role. Sessions will also look at areas such as the issue of copyright in a digital world, as well as a session on promoting effective competition in the region.

Alongside the main Forum are two special events:

The **Youth Forum** brings together young university students –known as youth fellows –from ITU Member States across the region to debate the future of Asia-Pacific's ICT industry. Youth fellows work together to forge strong links with both government and the region's ICT community and to prepare themselves as the region's ICT leaders of the future.

Telecommunication Development Symposium, which provides the opportunity for managers from national entities in developing countries to attend the main ITU TELECOM Forum and Exhibition and share and transfer knowledge and examine new technology solutions and their suitability for the region.

The Forum will be followed by a two-day symposium on "Digital Bridges". This Symposium will look at ways of measuring and bridging the digital divide.

With a number of topical and timely sessions, the Forum will provide a valuable opportunity for lively debate. I therefore encourage participants to come armed with ideas and prepared for discussion and to be ready to take action afterwards to help shape the region's ICT sector of the future.

Welcome to the ASIA 2004 Forum!

Yoshio Utsumi
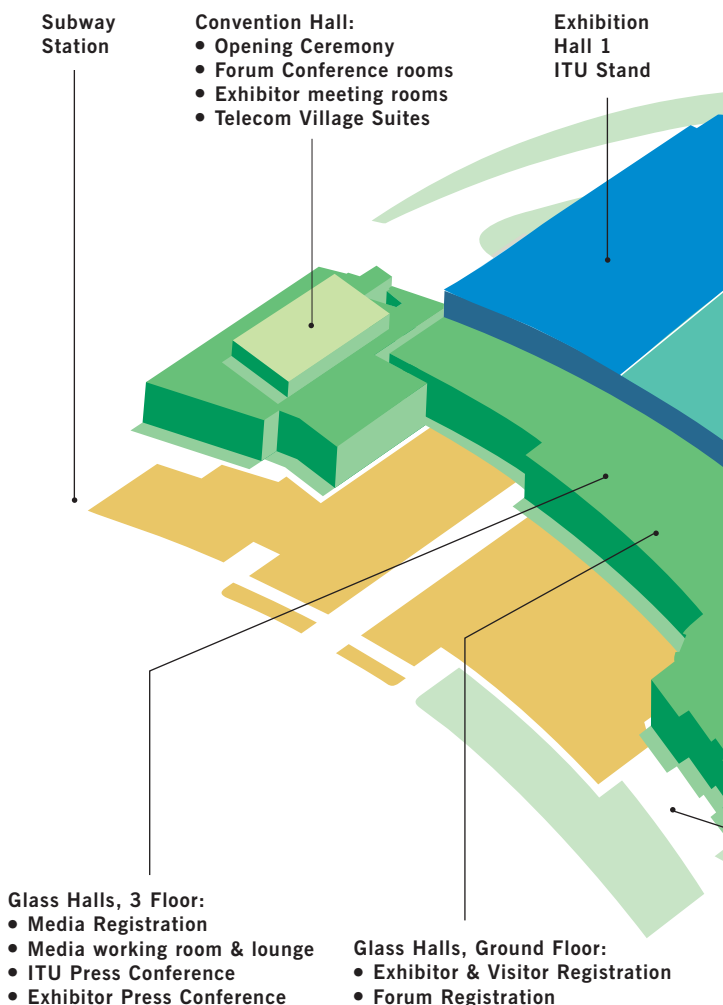**Secretary-General**
International Telecommunication Union
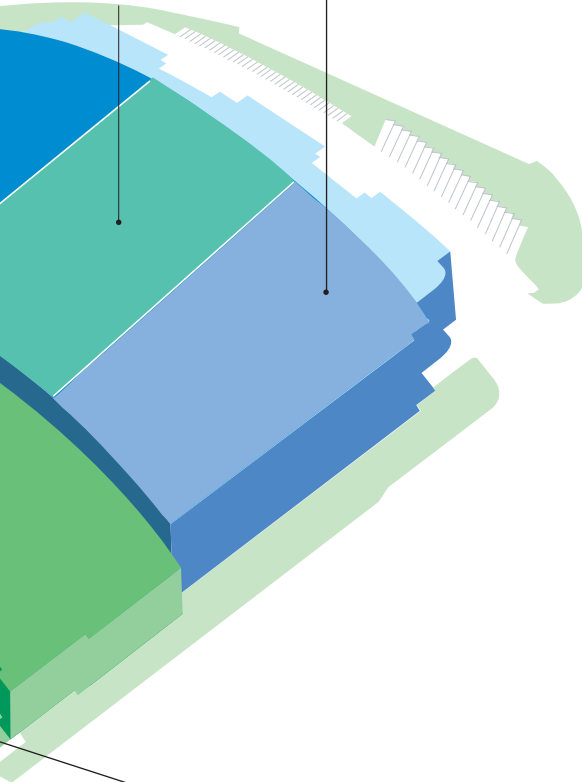
BEXCO

**Busan
Exhibition & Convention Centre**

Subway
Station

Convention Hall:
• Opening Ceremony
• Forum Conference rooms
• Exhibitor meeting rooms
• Telecom Village Suites

Exhibition
Hall 1
ITU Stand

Glass Halls, 3 Floor:
• Media Registration
• Media working room & lounge
• ITU Press Conference
• Exhibitor Press Conference

Glass Halls, Ground Floor:
• Exhibitor & Visitor Registration
• Forum Registration

**Exhibition
Hall 2
Publishers' Corner**

**Exhibition
Hall 3**

**Subway
Station**

**Pedestrian Road
Entrance/Exit**

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Forum Opening:
Asia Leading the Future

Since the start of the new millennium, Asia has emerged as the world's largest telecommunication market. Asia now accounts for more than a third of the installed base worldwide and around half of all new shipments of telecommunication equipment. Critically, Asian economies, such as the Republic of Korea and Japan, have also established a position of leadership in the technologies that will dominate tomorrow's markets. This is notably the case for broadband and high-speed mobile communications. The opening forum session looks at Asia's new status as a telecommunication world leader and asks what lessons the rest of the world can learn from Asia's role

Chair

Dr. Seung-Taik Yang, President, ITU Telecom Asia 2004 National Coordination Committee (Korea (Rep. of))

Keynote speakers

H. E. Mr. Daeje Chin, Minister, Ministry of Information and Communication (Korea (Rep. of))

Mr. Yoshio Utsumi, Secretary-General, International Telecommunication Union (ITU)

H. E. Mr. Xudong Wang, Minister, Ministry of Information Industry (China)

H. E. Dr. Do Trung Ta, Minister, Ministry of Posts and Telematics (Viet Nam)

H. E. Mr. Awais Ahmad Khan Leghari, Federal Minister, Ministry of Information Technology and Telecommunications (Pakistan)

H. E. Mr. Datuk Halim Shafie, Secretary-General, Ministry of Energy, Water and Communications (Malaysia)

September **07** Tuesday

Connecting the next billion

In 2003, the Asia-Pacific region passed the one billion subscriber mark (fixed-lines and mobile combined). The landmark of the next billion subscribers will likely be reached much more quickly than the one hundred years it took to reach the first; indeed probably by the end of the current decade. But the question remains as to how that one billion will be reached. What strategies are the most effective in extending universal access, especially in rural areas? Can a universal access policy be built around prepaid mobile communications? Do new technologies, such as WiMAX, offer a more cost-effective way of reaching the next billion than today's technologies?

Moderator

Dr. Madanmohan Rao, Director, Research, Asian Media Information and Communication Centre (Singapore)

Keynote speakers

H. E. Mr. Syunichi Yamaguchi, Senior Vice-Minister, International Organizations Office, Ministry of Public Management, Home Affairs, Posts and Telecommunications (Japan)

Dr. Yong-Kyung Lee, President and CEO, KT Corporation (Korea (Rep. of))

Mr. Shin Bae Kim, President and CEO, SK Telecom, Co., Ltd. (Korea (Rep. of))

Panellists

Mr. Eric Baissus, Chief Executive Officer, Open-Plug (France)

Ms. Bernardine Lai, Lawyer, Arculli and Associates (Hong Kong, China)

Dr. Ashok Jhunjhunwala, Professor, Electrical Engineering Department, Indian Institute of Technology (India)

Ms. Davina Yeo, Associate Director, Wireless & Networking Research, IDC Asia/Pacific (Hong Kong, China)

09:30-11:00   **Session PL 3**   **CH 205-206**

Building on broadband

Many business users -and not only those from the more developed societies around the world- are highly aware of the inherent potential of broadband and already use it in innovative ways. As the broadband trend grows, it is also becoming increasingly attractive to residential users. This is not only because of the high-quality entertainment services such as video-on-demand (VoD) and online games it can offer, but also because of a variety of already-available services and applications based on mature VoIP technology. The time has obviously arrived for incumbent and newer operators alike to rethink their current strategies and business models, and to adapt them to the challenges of building on broadband to maximize its potential in the face of new evolutions in market demand. What lies around the corner for the development of broadband networks? Should future network architectures be built around fibre, copper or wireless?

Moderator

Dr. Taylor Reynolds, Policy Analyst, SPU, International Telecommunication Union (ITU)

Keynote speakers

Ms. Colleen Arnold, General Manager, Global Communications Sector, IBM Corporation (United States)

Mr. Hideki Kurashige, Director, President and Chief Executive Officer Japan Telecom Co., Ltd. (Japan)

Panellists

Mr. William Xu, Executive Vice President, Huawei Technologies Co. Ltd (China)

Mr. Taher Behbehani, Vice President, Business Development and Strategy, UTStarcom (United States)

Mr. Henri Setiawan Wyatno, Wireline Access Engineer, Research and Development, PT Telkom Indonesia (Indonesia)

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Mr. Ikram Ul Haq Kiani, Assistant Director, Pakistan Telecommunication Authority (Pakistan)

Role of CIO for e-government in broadband deployment in Asia: Prof. Toshio Obi, Professor and Director, Institute of E-Government, Waseda University (Japan)

September **08** Wednesday

11:30-13:00   **Session PL 4**   **CH 205-206**

Turning market demand into profit

Creating customer-focused organizations has become one of the critical success factors in the turnaround of the ICT industry towards survival and prosperity worldwide. This session will focus on identification of market requirements and opportunities. It will also look at implementation of plans to deliver the value and benefit expected by customers, enterprises and organizations alike. The speakers will share their experiences and foresight in turning these opportunities into tangible and measurable realities.

Moderator

Mrs. Walda Roseman, President & Chief Executive Officer, CompassRose International, Inc. (United States)

Keynote speakers

Mr. Sean Maloney, Executive Vice President and General Manager, Intel Communications Group, Intel (United States)

Dr. Irwin Mark Jacobs, Chairman of the Board and Chief Executive Officer, Qualcomm, Inc. (United States)

Dr. Keiji Tachikawa, Senior Vice President, Corporate Advisor, NTT DoCoMo, Inc. (Japan)

Mr. Bill Barney, President and Chief Operating Officer, Asia Netcom (Hong Kong, China)

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Planning for and launching new end-user services
Mr. Jan Abrahamsson, Regional Managing Principal Business Consulting, Ericsson Asia Pacific, Ericsson AB/Global Services (Sweden)

Enhancing trust and security

As the Internet and other info-communication networks become an ever-increasing part of our daily lives, so does our dependency on their underlying infrastructure. Unfortunately, newly discovered forms of attack on network infrastructure, the availability and wide distribution of attack tools, the increase in other threats to online safety such as spam and phishing schemes, as well as accelerating efforts by malicious hackers to exploit vulnerabilities in software have created rising challenges to network security. Simple viruses and other computer-related offenses are argued to have cost billions of dollars worldwide in lost productivity. If these problems continue to exist, what are the costs in terms of users' confidence? How do we increase global awareness of the issues? Is securing network infrastructure a technology or policy problem or a combination of both? If so, what are the available technologies, and what are the respective roles of the private sector and government?

Moderator

Mr. Roberto Blois, Deputy Secretary-General, International Telecommunication Union (ITU)

Keynote speakers

H. E. Mr. Virgilio L. Peña, Undersecretary for Information and Communications Technology, Department of Transportation and Communications – DOTC (Philippines)

Mr. Bart Vogel, President, Asia Pacific, Lucent Technologies (United States)

Mr. Gordon Astles, President, Asia Pacific Operations, Cisco Systems (HK) Ltd (Hong Kong,

Panellists

Mr. Ryan Hamlin, General Manager, Anti-Spam Technology and Strategy Group, Microsoft Corp. (United States)

Prof. Ahmad Reza Sharafat, Professor, Electrical and Computer Engineering, Tarbiat-Modarres University (Iran (Islamic Republic of))

Mr. Han W. Kim, Head of KISC – Korea Internet Security Center/KrCERT and Vice President, KISA – Korea Information Security Agency (Korea (Rep. of))

Ms. Jeroo Billimoria, Executive Officer, Child Helpline International (Netherlands)

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Cyber legislation and policy to optimise benefits of ICT:
Mr. Muhammed Ajmal Edappagath, Advocate, Law & Regulatory, Oberoi & Edappagath (India)

Network Security
Mr. George McBride, Senior Network Security Director, Lucent Worldwide Services, Lucent Technologies (United States)

| 11:30-13:00 | Session PL 6 | CH 205-206 |

Implications of WSIS for Asia

The first phase of the World Summit on the Information Society (WSIS), held in Geneva from 10 to 12 December 2003, marked a turning point in many respects. Above all, world leaders from around the world, together with civil society and the private sector, were able to elaborate a shared vision of an inclusive, people-centred information society. The Geneva Plan of Action sets out an ambitious series of targets to be achieved by the year 2015, including connecting every village and extending access to ICTs to at least half of the world's inhabitants. How will the Plan of Action be implemented in the Asia-Pacific region and how can today's information society be converted to tomorrow's knowledge society?

Chair

Mr. Anthony S.K. Wong, Commissioner, Innovation & Technology Commission (Hong Kong, China)

Speaker(s)

H. E. Mr. Leonid Reiman, Minister, Ministry for Communications and Informatization (Russian Federation)

H. E. Mr. Masoud Davarinejad, Deputy Minister for Telecommunications and Chairman of the Regulatory Authority, Ministry of Information and Communications Technology (Iran (Islamic Republic of))

Mr. Hamadoun I. Touré, Director, Telecommunication Development Bureau (BDT), International Telecommunication Union (ITU)

Mr. Amarendra Narayan, Executive Director, Asia-Pacific Telecommunity (APT)

Prof. Rohan Samarajiva, Professor, LIRNE.NET Asia (Sri Lanka)

Broadband fixed wireless access: a gateway to bridge the digital divide:
Mr. Stephane Cohen, Director, Marketing Development, SR Telecom (France)

Rural and villages access using multipurpose community internet center:
Mr. Rudi Rusdiah, Chairman, Association of Community Internet Center – APWKomitel / Millenia Net Cafe (Indonesia)

Youth Forum Representative

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Enhancing developmental opportunities by promoting ICT use: vision for rural India:
Mr. Narinder Chhibber, Secretary General, PTC India Foundation (India)

Bangladesh e-health project
Professor. Isao Nakajima, Professor, Institute of Medical Sciences, Tokai University Institute of Medical Sciences (Japan)

Notes:

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14:30-16:00   **Session B1**   **CH 205-206**

Defining the personal mobile space

Asia has the highest proportion of mobile users in the world; 39 per cent at the end of 2002. Home to i-mode (Japan) and Daum (Korea), the region has been a leader in defining the first generation of personalized mobile services. Early manifestations of wearable computing are already on display in the region, and the future will bring significant innovation in the context of personal area networks (PANs) and body area networks (BANs). Mobile phones employing bone conduction technology have appeared on the market. The newer services belong to an increasingly user-centric digital world. How can technological innovation be fuelled while preserving individual privacy and well-being? How can service providers and manufacturers ensure that innovations match user needs and expectations in this rapidly changing industry?

Chair

Mr. Stephen McClelland, Editorial Director, Horizon House Publications Europe, Inc. (United Kingdom)

Speakers

Mr. David Nagel, President & Chief Executive Officer, PalmSource Inc. (United States)

Mr. Skott Ahn, Executive Vice President, Mobile Handset R&D Center, LG Electronics Inc. (Korea (Rep. of))

Mr. Wonhee Sull, Vice President, SK Telecom (Korea (Rep. of))

Mr. Michael Minges, Senior Market Analyst, Telecom Management Group, Inc. (United States)

Beyond realtime
Mr. Henning Timcke, Werft22 Ltd. (Switzerland)

Co-author(s): Prof. Dr. Blechinger

Mr. Raj Kesarimall, Chief Executive Officer, Jataayu Software (P) Ltd. (India)

| 16:30-18:00 | Session B2 | CH 205-206 |

Capitalizing on content

If content is "King", then carriage is certainly "Queen"! Asia is leading the world in the rollout of broadband networks and there is huge demand for compelling content to populate those networks. To date, peer-to-peer applications and gaming have proved the most popular. But is there a market for premium, paid-for content? Do content owners have more to gain by joining forces with telecommunication network operators or by competing with them? How will the new media channels change the economics of content creation? Can the demand for peer-to-peer content be converted into a legitimate business model? Can online content successfully traverse Asia's linguistic and cultural divides?

Moderator

Mr. Russell Pipe, President Transnational Data Reporting Service Inc. and Co-Director, Center for Information Infrastructure and Economic Development – CIIED (United States)

Keynote speakers

Mr. Takeshi Natsuno, Managing Director, i-mode Strategy, NTT DoCoMo,Inc. (Japan)

Mr. Beom-Soo Kim, Chief Executive Officer, Next Human Network (NHN) Corp. (Korea (Rep. of))

Mr. John M. Haydon, Executive Manager, Consumer and USO Group, Australian Communications Authority (Australia)

Panellists

Mr. Sebastiano Tevarotto, Vice President and General Manager, Network and Service Provider Business Unit, Hewlett-Packard Company (United States)

Mr. Bart MacNeil, Director, Strategic Vision Group, Amdocs (Canada)

Mr. Simon Bureau, Managing Director, Vectis International, Inc. (Korea (Rep. of))

Prof. Peter K. Yu, Associate Professor of Law, Michigan State University College of Law (Hong Kong, China)

14:30-16:00	Session B3	CH 205-206

Converged entertainment platforms

Broadband in Asia typically operates at much higher speeds than in Europe or North America. Similarly, Japan and the Republic of Korea have stolen a march by introducing true third-generation (3G) mobile networks rather than the 2.5G networks that are commercially available elsewhere. This means that Asia's networks can potentially provide a converged platform for carrying multimedia, streaming video and video-on-demand as well as data and voice services. What strategies are Asia's operators developing to exploit these new capabilities? What billing systems work best on converged networks? And how will spectrum-based networks inter-function with copper-based ones?

Moderator

Dr. Norman Lewis, Director of Technology Research, Wanadoo SA, Wanadoo UK plc (United Kingdom)

Keynote speakers

Mr. Woon-Sub Kim, Senior Vice-President, Telecommunication Network Business, Samsung Electronics, Co. Ltd (Korea (Rep. of))

Dr. Tomihisa Kamada, Co-Founder, Executive Vice President and CTO, Access Co., Ltd (Japan)

Panellists

Mr. Athomas Goldberg, Program Manager, Game Technologies Group, Sun Microsystems, Inc. (United States)

Mr. Aloknath De, Head, Telecom Unit, STMicroelectronics (India)

Mr. Tulus Rahardjo, Deputy Director General for Telecommunications, Directorate General of Posts and Telecommunications (Postel) (Indonesia)

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Simulation and test of VDSL splitter performance in the home environment:
Mr. Fernando Villamarim, Engineer, Pontificia Universidade Católica de Minas Gerais (Brazil)

| 16:30-18:00 | Session B4 | CH 205-206 |

Digital transactions

Electronic commerce has now been around for more than ten years and the volume of transactions continues to grow, especially in the fields of business-to-business (B2B) commerce. In some fields -for travel agents, booksellers and gambling for instance- e-commerce has transformed the business landscape. Now the emphasis is on extending e-commerce onto a mobile platform (m-commerce) and to lower-value transactions (e.g. purchase of individual music titles). This session reviews the current state of the art in digital transactions as well as the future technical and commercial challenges ahead.

Chair

Mr. Gregg Marshall, Managing Director, Asia, Valista (Singapore)

Keynote speaker

Mr. Masayoshi Son, President & Chief Executive Officer, Softbank Corporation (Japan)

Speakers

Promoting E-commerce through a secure online environment:
Ms. Pamela Reeve, President and CEO, Lightbridge, Inc. (United States)

Dr. Ki-Shik Park, Executive Vice President, ETRI – Electronics and Telecommunications Research Institute (Korea (Rep. of))

Dr. A. Reza Jafari, Chairman & Chief Executive Officer, The Omega Partners (United States)

Managing new devices: new content, personalized services and self-activation drive additional revenue:
Mr. Olivier Poulain, Worldwide Mobile Solutions Program Manager, Network and Service Provider Business Unit, Hewlett-Packard Company (France)

Convergent Charging and Business Support – the Account Centric Approach
Mr. Niclas Melin, Strategic Product Marketing Manager, Charging Solutions, Ericsson AB (Sweden)

14:30-16:00 **Session B5** **CH 205-206**

Making 3G global

Japan and the Republic of Korea have established a position of leadership in third-generation (3G) mobile communications, but with two quite distinct technologies (CDMA2000 and wideband CDMA, or "W-CDMA"). China seems set on adopting a third technology (TD-SCDMA). In order to achieve the vision of making 3G a global standard, it will be necessary for all these different systems to offer full inter-working and roaming. How close are we to achieving this goal? What are the hurdles to be overcome? Will all three standards continue to co-exist? And which equipment manufacturers are proving to be the fastest learners in responding to, and shaping, market demand for 3G handsets?

Moderator

Mr. John Visser, Chairman, ITU-T Special Study Group on IMT-2000 and Beyond, and Sr Manager, International Network Standards, Nortel Networks (Canada)

Keynote speakers

Mr. Perry LaForge, Executive Director, CDMA Development Group (United States)

Mr. Jean-Pierre Bienaimé, Chairman, UMTS Forum (UMTS)

Panellists

Dr. Wing Yan Lo, Executive Director & Vice President, China Unicom Ltd (Hong Kong, China)

Dr. Yutaka Yasuda, Vice President & General Manager, "au" Technology Division, "au" Business Sector, KDDI Corporation (Japan)

Ms. Paola Tonelli, Senior Director, Industry Advocacy, Vodafone Group Plc. (UMTS)

Mr. Jooe Sik Lee, Vice President, SK Telecom (Korea (Rep. of))

BUSINESS AND STRATEGIES SESSIONS

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Challenges and potential solutions for 3G Migration
Mr. Sanjeev Verma, VP Marketing and Co-Founder, Airvana, Inc.
(United States)

Asia's Mobile Powerhouses: Is there only one suitable Way to the UMTS Pole Position?
Dr. Stephanie Teufel, Professor, iimt – international institute
of management in telecommunications, University of Fribourg
(Switzerland)

Co-author(s): Mr. Martin Steinert

| 14:30-16:00 | Session T1 | CH 201-202 |

Voice over what?

As networks evolve, where will voice traffic gravitate? How can operators reposition themselves to compensate for falling voice revenues and which telecommunication players are best poised to successfully offer VoIP services? How will the availability of widespread broadband deployment in residential markets in developed Asia change the economics of the provision of voice services? Can a business case be made for segmenting voice markets by call quality? Will new technologies offering guaranteed quality of service eventually replace VoIP for voice?

Chair

Mr. Michael Kende, Principal Consultant, Analysys Consulting (United States)

Speakers

VoIP is coming of age in Asia:
Mr. Ofer Gneezy, President & Chief Executive Officer, iBasis (United States)

Industry perspective – building an IP network for service innovation and new revenues:
Mr. Peter Briscoe, Founder, President and CEO, Convedia Corporation (Canada)

Voice over IP:
Mr. Bryan Wiener, President, Net2Phone Global Services, LLC, Net2Phone (United States)

Mr. Bart Bartolozzi, Vice President, Strategic Development, EZ Tel Group (United States)

Voice over IP Strategies: Outside-In or Inside-Out?:
Mr. Soma Velayutham, Business Development Director, Next Generation Telephony, Lucent Technologies Asia Pacific (Singapore)

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Wideband Speech Coding Standards and Applications
Mr. Laurent Amar, President, VoiceAge Corporation (Canada)

Carrier-grade Voice over IP system:
Mr. Hiroki Ikeda, Senior Researcher, Research & Development,
Hitachi (China) Investment, Ltd. (China)

Co-author(s):   Mr. Hui Deng
                       Mr. Masahiro Ojima
                       Mr. Shiro Tanabe

Voice over IP (VoIP) – the Future of Broadband Communicatons in Asia
Mr. Ramesh Ramaswamy, Senior Director, Marketing & Business
Development, Hughes Network Systems (United States)

| 16:30-18:00 | Session T2 | CH 201-202 |

Towards ubiquity

Over the past few years, there has been increasing excitement surrounding the concept of "technological ubiquity", a next step in always-on communications, enabling the connection of a host of different devices, networks and content services. In particular, the combination of mobile technologies and ubiquitous computing is emerging as a means to seamlessly provide continuous computational power and communication capabilities to users, through smart appliances embedded in their surrounding physical environment. What will be the key technologies for ubiquitous communications (e.g. Bluetooth, WiMAX, Wi-Fi, etc.)? What are some of the current developments in relation to user interfaces, sensor networking, multimedia encoding/transcoding, agent technologies, location tracking and peer-to-peer knowledge management? What are the roles of standardization and industry alliances in this effort?

Chair

Dr. Tim Kelly, Head, Strategy and Policy Unit, International Telecommmunication Union (ITU)

Speakers

Mr. Jong-Lok Yoon, Executive Vice President, New Business Planning Group, KT Corporation (Korea (Rep. of))

Dr. Albert Hanyong Yuhan, Executive Vice President, Samsung Advanced Institute of Technology, Samsung Electronics Co., Ltd. (Korea (Rep. of))

Mr. Philip McKinney, Vice President and CTO, Network and Service Provider Business Unit, Hewlett-Packard Company (United States)

Location-based services and the transformed network:
Mr. James Winterbottom, Senior Product Architect, Mobile Location Center, Nortel Networks (Australia)

4G: A lawyer's perspective:
Mr. Antony Corel, Partner, Communications Practice, Squire, Sanders & Dempsey (United States)

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Ubiquitous networking and services enablers for new era:
Dr. Masayoshi Ohashi, Senior Manager, Technology Development
Department, KDDI Corporation (Japan)

Co-author(s):   Mr. Akira Yamaguchi
                       Mr. Tatsuaki Hamai

Security for E-government applications in a ubiquitous society:
Dr. Chan Yeob Yeun, Research Engineer, Software and Protocol
Group, Toshiba Telecommunications Research Laboratory (United
Kingdom)

Co-author(s):   Mr. Georgios Kalogridis
                       Mr. Gary Clemo

14:30-16:00　　　**Session T3**　　　**CH 201-202**

Affordable access

Access to information and communication technologies (ICT) has increased for most people. This is in part fuelled by the massive popularity of mobile telephony, but there is still some way to go before "universal access" can be achieved. Indeed wider and cheaper access to ICTs is seen as an important way of bridging the gap between rich and poor. This session aims to provide a clear picture of current technology trends addressing the evolution of wireless, optical, and copper-based technologies and how they can boost access to ICTs in the most cost-efficient manner.

Chair

Mr. Hamadoun I. Touré, Director, Telecommunication Development Bureau (BDT), International Telecommunication Union (ITU)

Speakers

Mr. Shi Lirong, Senior Vice-President, ZTE Corporation (China)

Mr. Amitava Dutta, Head, APAC & MEA, Mahindra British Telecom – MBT (India)

Experiments in rural areas using wireless broadband LAN system:
Mr. Osamu Koike, General Manager, International Cooperation Department, KDDI Corporation (Japan)

Fibre or copper: last mile business economics:
Mr. Satish Mittal, Business Development Director, Broadband & Data Networks Solutions, Asia/Pacific, Lucent Technologies Singapore Pte Ltd. (Singapore)

Dr. Thaweesak Koanantakool, Director, National Electronics and Computer Technology Centre (Thailand)

Network evolution strategies for different segments
Ms. Bodil Josefsson, Program Manager Evolution Story, Ericsson AB (Sweden)

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Developing a market adaptive pricing strategy for packet switched services:
Dr. Lutz Froehlich, Senior Consultant, Competence Area Strategy & Innovation, Detecon International GmbH (Germany)

16:30-18:00 Session T4 CH 201-202

Advanced wireless

By the time of ITU TELECOM ASIA 2004, there will be more users of mobile phones that fixed-line telephones in Asia. In some countries of the region, more people access the Internet from a wireless platform that from a fixed-line platform. New wireless technologies promise much more efficient spectrum use and higher bandwidth connections to users. Which technologies show the most promise and how can they be integrated into current and future networks? What regulatory challenges do they raise?

Chair

Mr. Michel Giroux, Deputy-Director, BR and Head, Informatics Administration and Publications Department, International Telecommunication Union (ITU)

Speakers

Broadband Wireless Access and The WiMax Forum. The Future of Broadband in Asia:
Mr. Zvi Slonimsky, Chairman and Chief Executive Officer, Alvarion Ltd. (Israel)

Mr. Jørgen Friis, Deputy Director General, ETSI – European Telecommunications Standards Institute (France)

Mr. Idris T. Vasi, Director, Service Provider Mobility & Voice in Asia Pacific, Cisco Systems (USA)

Mr. Richard E. Butler, Chairman, Level 5, WorldSpace-Asia (AsiaSpace Ltd.) (Australia)

Extending wireless LAN coverage for truly seamless mobility:
Mr. Danny Ng, Director, Wireless Mesh Networks, Asia Pacific, Nortel Networks (Hong Kong, China)

Mr. Zhu Tan, Deputy Director, Wireless Product Line, Huawei Technologies Co. Ltd (China)

continued

Published Only

Ultra Wide Band (UWB) – the next step in wireless home networks:
Mr. Yaron Rashi, R&D Manager, COM/Access, Infineon Technologies
Savan (Israel)

| 14:30-16:00 | Session T5 | CH 201-202 |

Seamless quality communications

Mobile telephony, instant messaging and e-mail are three methods of communication that we take for granted today, but they would have been considered quite innovative just over a decade ago. The means by which these communication technologies are made available to us are invisible or seamless to most. But behind the scenes, the sophistication of the networks that handle these new media -and other, emerging technologies- has had to increase exponentially. And this level of sophistication will have to grow further still as the networks that provide us with information converge with those that enable communications. This session will examine the means by which new and old services can be brought to users "seamlessly", with a focus on such issues as quality of service (QoS), convergence, billing and operations support system (OSS), challenges for next-generation networks (NGN), roaming, service delivery platforms and intelligent networks.

Chair

Mr. Kumaran Singaram, Director, Service Provider, Asia Pacific, Cisco Systems (Malaysia)

Speakers

Mr. Kumaran Singaram, Director, Service Provider, Asia Pacific, Cisco Systems (Malaysia)

Converged network services – the big bets
Ms. Gabriella Poczo, Lead Architect, Communications Market Area, Sun Microsystems (United States)

Mr. Steve Falk, Vice President, Global Development, Sprint (United States)

Optimizing the business and understanding the user
Mr. Hitoshi Nishizawa, General Manager, Network and Service Providers Buniess Unit, Asia Pacific – Japan, Hewlett Packard Cie (Japan)

Customer centric SLAs. Practical agreements for next generation services:
Mr. Masayoshi Ejiri, Director, Fujitsu Limited (Japan)

Co-author(s): Mr. Frank Birch

Published Only

Exploiting the new business opportunities created by Telecom Web Services and the role of SDPs
Mr. Ola Larsén, Vice President, Communications, Appium (Sweden)

Case study – The development of IPSTAR broadband satellite platform solution to bridge the digital divide in Myanmar
Mr. Patompob Suwansiri, Director, Braodband Marketing Department, SHIN Satellite Plc. (Thailand)

TECHNOLOGY AND MARKETS SESSIONS

16:30-18:00   **Session T6**   **CH 201-202**

Future converged networks

Future converged networks promise seamless voice and data communication on a unified network. How will the different network pieces fit together and pass traffic back and forth? What types of business model are most likely to succeed? What regulatory issues will need to be addressed to allow for efficient, seamless access?

Chair

Mr. Bosco Eduardo Fernandes, Vice President ICM N SM PFM, Siemens AG (UMTS)

Speakers

Dr. Chu-Hwan Yim, President, ETRI – Electronics and Telecommunications Research Institute (Korea (Rep. of))

Next generation convergence networks:
Mr. Mike Murphy, Vice President, Wireless data networks, Nortel Networks Asia (Hong Kong, China)

Dr. Myung-sung Lee, Vice President (CTO), Technology Strategy Group, SK Telecom (Korea (Rep. of))

Mr. Häkon Dahle, CTO, Tandberg (Norway)

Mr. Ramnarayan Srinivasan, Senior Consultant, Next Generation Telecom Technologies, Wipro Technologies (India)

Mr. Ahmed Toumi, Director-General and CEO, International Telecommunication Satellite Organization – ITSO (United States)

Published Only

New Technologies, new services – Nest-generation converged networks
Mr. Ray Teske, Director, Enterprise Networks, Asia Pacific, Nortel

Networks (Hong Kong, China)

14:30-16:00   **Session POL1**   **CH 203-204**

Promoting Effective Competition

Most of Asia now has liberalized communication markets, with India and Pakistan among the latest countries to permit competitive market entry. In those countries that have pioneered competition -like Australia, Japan and New Zealand- general competition policy principles are beginning to take the place of sector-specific regulation as market entrants come of age. But in some markets, and in some sub-sectors, there is a danger that mergers and market rationalization may reduce the level of effective competition. How can regulators and policy-makers ensure that effective competition is sustained, even amid the turbulence of rapidly changing technologies and markets?

Moderator

Mr. Dimitri Ypsilanti, Head, Telecommunications Policy Section, Organisation for Economic Co-operation and Development (OECD)

Keynote speakers

Mr. Leong Keng Thai, Director General, Telecoms, Infocomm Development Authority of Singapore – IDA (Singapore)

Mr. Pradip Baijal, Chairman, Telecom Regulatory Authority of India – TRAI (India)

Mr. Michel Feneyrol, Membre de l'Autorité, Autorité de Régulation des Télécommunications – ART (France)

Panellists

Prof. Rajat Kathuria, Professor, Economics, International Management Institute – IMI (India)

Ms. Michelle Chan, Senior Associate, Clifford Chance (Hong Kong, China)

Mr. Naveen Suri, Vice President, International Professional Services, Telcordia Technologies, Inc. (United States)

September **08** Wednesday

| 14:30-16:00 | Session POL2 | CH 203-204 |

Internet Governance

ITU was mandated at its 2002 Plenipotentiary Conference "to take a significant role in international discussions and initiatives on the management of Internet domain names and addresses". Since that Resolution, management of the Internet has become a very hot topic, with much discussion over what shape future regulation will take. In particular, the UN Secretary-General has been invited by the first phase of WSIS to establish a working group to help define Internet governance and to develop a plan for who does what and where. As part of the international effort to that end, an ITU symposium on the topic was held in Geneva in February 2004. This session will pick-up from these international initiatives and track recent developments, as well as discussing the issue from legal, technological, administrative and commercial perspectives.

Chair

Mr. Shyamal Ghosh, Department of Telecommunications, Government of India (India)

Speakers

Mr. Houlin Zhao, Director, Telecommunication Standardization Bureau (TSB), International Telecommunication Union (ITU)

Dr. Paul Verhoef, Vice President, Policy Development Support, Internet Corporation for Assigned Names and Numbers – ICANN (Belgium)

Mr. Adam Peake, Executive Research Fellow, GLOCOM (Japan)

Standards, Wireless Broadband, and the WTO Agreements: The Legitimacy of Interoperability and other Public Policy Objectives. Mr. George Kleinfeld, Counsel, Global Communications, Media & Technology Group, Clifford Chance US LLP (United States)

Ms. Han Xia, Deputy Director General, Administration Bureau, Ministry of Information Industry (China)

Notes:

| 16:30-19:00 | Session TDS1 | CH-Room 203-204 |

The challenges of evolving policy & regulation in a converged ICT era

The rapid evolution and convergence of information and communications technologies (ICTs) pose new regulatory and policy challenges. The challenges to government decision-makers across the Asia-Pacific region are guided by national desires to promote industry development, improve overall socio-economic growth, ensure wide-spread ICT access for all, and promote and protect consumer welfare. This session will examine some of the best practices that are being implemented by policy-makers and regulators to facilitate affordable access to ICT services, such as low-cost broadband and Internet in remote and rural areas as well as urban environments. It will examine what role policy-makers and regulators might play in implementing ICT development goals. The session will review current practices in licensing, interconnection, spectrum management, universal access/service, competition safeguards, and VoIP regulatory practices. It will examine Wi-Max, Wi-Fi and next generation networks for their regulatory implications. The session will also focus on the regulator's role in an IP enabled services environment, including country code domain names management, quality of service for VoIP and other applications, and protection of the public from a range of new potential abuses like spam and cyber-crime. It will also examine the new challenges arising as a result of WSIS.

Chair

Mr. Robert Horton, Acting Chair, Australian Communications Authority

Keynote Speakers

Mr. Stewart White, Director, Group Public Policy, Vodafone Group Services Ltd

Dr. Myung-Sung Lee, Vice President & CTO, Technology Strategy Group, SK Telecom (Korea (Rep. of))

continued

Panelists

Mr. Pradip Baijal, Chairman, Telecom Regulatory Authority of India (TRAI)

Mr. Willy Jensen, Director General, Norwegian Post and Telecommunications Authority

Dr. Tan Sri Abdul Halim Bin Ali, Chairman, Multimedia Development Corporation – Sdn Bhd (Malaysia)

Mr. J. Bat-Erdene, Director General, Policy and Coordination Department for Information & Communication Technology, Ministry of Infrastructure (Mongolia)

Ms. Muna Nijem, Chairman of the Board and Ceo, Telecommunications Regulatory Commission (Jordan)

16:30-19:00 **Session TDS2** **CH-Room 203-204**

Fostering development by embracing the wireless world

Picture a world in which wireless technologies are used to provide backbone connectivity among communities and local access for rural communities. Those attempting to bring this vision to reality on a sustainable basis will require new business models and enlightened policies and regulations. What are the wireless solutions being discussed for rural access? As of yet, are any routed in sustainable business approaches? What kinds of supportive public policies and savvy business approaches would be needed to make these visions a reality? Is there room for both small entrepreneurs and large service providers to meet the untapped demand of users? Are there wireless business models that can be financially viable on revenues of only a few dollars a day? What public policies and regulations are needed to enable countries to use new wireless technologies to meet their universal access goals?

Chairman:

Mr. Hamadoun I. Touré, Director, Telecommunication Development Bureau (BDT), International Telecommunication Union (ITU)

Keynote Speakers

H.E. Mr. Lyonpo Leki Dorji, Minister of Information and Communications (Bhutan)

Prof. Ashok Jhunjhunwala, Electrical Engineering Department, Indian Institute of Technology (India)

Panelists

Mr. Michael Best, Research Scientist, Massachusetts Institute of Technology (United States)

Mr. Mohamed Sharil Tarmizi, Malaysia Communications & Multimedia Commission

Mr. Sean Maloney, Executive Vice President and General Manager, Intel Communications Group, Intel

Mr. Taher Behbehani, Vice President, Business Development and Strategy, UTStarcom

Mr. Peter Waters, Partner, Gilbert & Tobin at Arculli Associates (Hong Kong, China)

Mr. Yong-Kyung Lee, President and CEO, KT Corporation (Korea (Rep. of))

Ms. Armi Jane R. Borje, Commissioner, National Telecommunications Commission (Philippines)

15:30-18:00   **Session TDS3**   **CH-Room 203-204**

How can developing countries best ride the e-tide?

The use of e-services/applications can change the manner and speed in which business is conducted, education is delivered and acquired, healthcare is administered, environment is monitored, and much more. By riding the e-tide, one is able to take advantage of more efficient access to information and new opportunities. With respect to the development agenda, e-services/applications can play a catalytic role in the achievement of the Millennium Development Goals by 2015. Which results-driven e-services/applications make development possible – can improve the lives and livelihood of people? What are the policies and best practices of these success stories? Can universal key enablers be identified and replicated to bring positive change faster? What active roles can government, private sector and civil society play to create an inclusive information society?

Chairman

Mr. Anthony Wong, Commissioner, Innovation and Technology Commission (Hong Kong, China)

Keynote Speakers

H.E. Mr. Dayanidhi Maran, Minister for Communications and Information Technology (India)

Ms. Mary Carman, Assistant Deputy Minister, Spectrum, Information Technologies and Telecommunications, Industry Canada

Panelists

Mr. Bryan Wiener, President, Net2Phone Global Services, LLC, Net2Phone

Ms. Tan Ching Yee, CEO, Infocomm Development Authority (Singapore)

Dr. K. J. John, Vice President, MIMOS Berhad (Malaysia)

Ms. Theresa Swinehart, General Manager, Global Partnerships, ICANN

Mr. Virgilio Peña, Chairman of Information & Communications Technology (Philippines)

Prof. David Mellor, OBE, President, Cable & Wireless Virtual Academy

Prof. Isao Nakajima, Institute of Medical Science, Tokai University (Japan)

Notes:

| 09:00 | Session YF1 | Room 106 |

Youth Forum
Opening

The Youth Forum at ITU TELECOM ASIA 2004 is the second Youth Forum organized during an ITU Telecom Asia event, and is designed to introduce the youth fellows from all over Asia to the challenges and opportunities of the information and communication technology (ICT) sector. In the course of a three-day programme, the Youth Forum will address three basic themes: technology and applications; policies and regulations; and finance and business opportunities as well as the relationships among these themes. It will show how these are fundamental to the sector and examine how all players involved can interact successfully, and for their mutual benefit, to ensure that ICTs serve as a prime mover both of economic and social development and of the fundamental human right to communicate and access information.
The participants of the Asia Youth Forum will have the opportunity to attend a programme designed especially for them, benefiting from interactive discussions and mentoring opportunities with eminent leaders in the ICT field. Youth Fellows will also have opportunities to attend the ITU TELECOM ASIA 2004 Forum, visit the exhibits and interact with other participants. It is the wish of the organizers and sponsors that Youth Fellows emerge from this event with a view that the ICT sector is an exciting and vibrant one that is fundamental to the development of their countries and the region; and that the sector requires an extraordinary variety of skills and competencies in the present and future, i.e., lawyers, economists as well as engineers. There is a challenging road ahead, offering opportunities for those who wish to make a valuable and meaningful contribution, either professionally and/or personally.

Chair

Ms. Walda Roseman, CEO, CompassRose International (United States)

Welcome

H.E. Dr. Daeje Chin, Minister of Information and Communication (Korea (Rep. of))

Mr. Yoshio Utsumi, Secretary-General, International Telecommunication Union (ITU)

Mr. Jung Nam Cho, Vice Chairman, SK Telecom

Mr. Stewart Dale White, Group Public Policy Director, Vodafone Group Services Ltd. (United Kingdom)

| 10:00-13:00 | Session YF2 | Room 106 |

Technology and Applications

Asia-Pacific is leading the world's telecommunications industry out of its current slump with the development of new technologies and applications. World leaders in high speed services both on the fixed-line platform – broadband – and on the wireless platform – 3G and wireless LAN or WIFI – are Korea (Rep. of) and Japan.

Asia-Pacific and, in particular, China, has proven to be a powerhouse for mobile. Overall, there were 339 million mobile subscribers in the region in 2001 compared with just 25 million in 1995. The compound annual growth rate over this period was 55 percent, with the average growth over 80 percent per year in over half a dozen of the region's developing nations. China added more than 100 million mobile subscribers between 1999 and 2001, and today the number of mobile subscribers in China tops 300 million.

Many developing countries in the Asia-Pacific region are also setting trends by applying ICTs in new ways to support national socio-economic development. Malaysia is racing to become a true knowledge economy with ICTs at its heart. Nepal is experimenting with hybrid networks combining their legacy PSTN with IP-based extensions to get the best out of both worlds. Bangladesh has established village level, mobile services that are low-cost, and rely on the entrepreneurial efforts of local women. In the next few years, the Asia-Pacific region will lead the world in Internet usage. Behind this is the region's leadership in offshore software development, e-government, cybercafés and gaming.

This session will provide Youth Fellows an opportunity to understand and discuss new technologies and applications and their implications for the Asia-Pacific region.

Chairman

Mr. Anthony Wong, Commissioner, Innovation and Technology Commission (Hong Kong, China)

Panel of Experts

Dr. Kim, Executive Vice President, Samsung Electronics

Prof. Ahmad Reza Sherafat, Electrical & Computer Engineering Department, Harbiat-Modarres University (Iran)

Mr. Simon Bureau, Vectis International (Korea (Rep. of))

Mr. Alan Ward, Intelsat (Australia)

Prof. Dr. Stephanie Teufel, Director, international institute of management in telecommunications – iimt (Switzerland)

14:00-17:00   Session YF3   Room 106

Telecom Policies and Regulations

A major focus of both ITU and African regional and national telecommunication organizations is the expedited achievement of universal access for all people to basic telecom and ICT services (voice, data and multimedia) with quality and choices of services at affordable prices. To meet this goal, national governments have found it important to define and adopt clear and effective policies and regulations to guide the fast-paced change in the telecom and ICT environment. The result has been significant sector reform, including the establishment of 17 regulatory authorities and the convergence of several ministries and/or regulators out of the some 40 Asian and Pacific countries. Key objectives of the development of telecom and ICT are to: e.g., ensure everyone's right to telecom/ICT access such as telecoms within easy reach from public access points or shared facilities; improve telecom/ICT infrastructure for wider coverage and better quality of service; reduce prices; multiply choices; promote innovation in technologies and services; create a clear, transparent, predictable and stable regulatory environment to attract national and foreign investments; and establish a clear set of rules defining the responsibilities of the policy-makers and regulators. Governments face many challenges to achieve these objectives in a fast changing and converging telecom/ICT sector, especially through balancing hands-on and hands-off regulations as well as balancing different interests between public and private sectors.
This session will provide Youth Fellows an opportunity to understand and discuss telecom policies and regulations and how they impact telecom and ICT services in the Asia-Pacific region.

Chairman

Mr. Stephen Parry, International Institutions, Group Public Policy, Vodafone Group Services Ltd. (United Kingdom)

Panel of Experts

Mr. Robert Horton, Acting Chair, Australian Communications Authority

Ms. Mary Carman, Assistant Deputy Minister, Spectrum, Information Technologies and Telecommunications, Industry Canada

Mr. Mohamed Sharil Tarmizi, Malaysia Communications and Multimedia Commission

Mr. Willy Jensen, Norwegian Post and Telecommunications Authority

Mr. Pierre Gagné, Deputy Director, Telecommunication Development Bureau (BDT), International Telecommunication Union (ITU)

14:00-17:00   **Session YF4**   **Room 106**

Finance and Business Opportunities

There is little doubt today that a well functioning and pervasive ICT infrastructure is essential to a country's social and economic development. Building and operating nationwide networks and services in Asia-Pacific requires new business models and an investment-friendly, or "enabling," environment. The World Summit on the Information Society (WSIS) in 2003 adopted a Declaration of Principles and a Plan of Action for creating such an environment and, by 2015, for achieving many of the Millennium Development Goals adopted by the United Nations in 2000. One centerpiece of the WSIS Declaration and Action Plan is recognition that new kinds of partnerships involving government, business and civil society will be required to forge sustainable business approaches and attract investment for the build-out of ICT infrastructure and services. Asia-Pacific offers enormous growth potential for ICT companies. Each stakeholder – the potential investors (local, national and international), the ICT companies or other entities that might create applications using ICT, governments, and regional/international organizations – has its own perspective, objectives and requirements.
This session will examine the financial and business dynamics of building sustainable ICT services from the perspective of multiple stakeholders and will explore opportunities for youth to develop ICT-enabled businesses. It will also focus on for-profit and not-for-profit youth generated ICT "business" ideas and opportunities.

Chairman

Mr. Reza Jafari, Chairman & CEO, The Omega Partners (United States)

continued

Panel of Experts

Mr. Pindar Wong, VeriFi (HK) Ltd. (Hong Kong, China)

Mr. Dmitry Epstein, Ben Gurion University, alumni of ITU TELECOM ASIA 2002 Youth Forum

Dr. Woochung Um, Principle Operations Specialist, Infrastructure Division, Mekong Regional Department, Asian Development Bank

Prof. David Mellor, OBE, President, Cable & Wireless Virtual Academy

Mr. Carlos Braga, Senior Advisor, International Trade Department, World Bank

17:30-19:00	Session YF5	Room 106

YF Working Session

Development of an Action Plan for Asia-Pacific

Resource persons

Mr. Mario Maniewicz, Head, IOS/HRD Department, (ITU BDT)

Ms. Walda Roseman, CEO, CompassRose International (United States)

Dr. Michael Calvano, Head, Regional Office, Asia-Pacific (ITU BDT)

Mr. E. Behdad, Senior Advisor for the Asia-Pacific Region (ITU BDT)

YOUTH FORUM

YF Working Session

Development of the Youth Action Plan for the Asia-Pacific Region

Working Group – Report back from drafting team

Resource persons

Mr. Mario Maniewicz, Head, IOS/HRD Department, Telecommunication Development Bureau (BDT), International Telecommunication Union (ITU)

Ms. Walda Roseman, CEO, CompassRose International (United States)

Dr. Michael Calvano, Head, Regional Office, Asia-Pacific, Telecommunication Development Bureau (BDT), International Telecommunication Union (ITU)

Dr. Eun-Ju Kim, Senior Advisor for the Asia-Pacific Region, Telecommunication Development Bureau (BDT), International Telecommunication Union (ITU)

11:30-13:00   **Session YF5b/PL6**

Presentation of the Youth Forum Action Plan

In the main Forum PL6

YOUTH FORUM

| 14:30-18:00 | Session YF6 | Room 106 |

YF Workshop

Many Youth Fellows will return home from the ITU TELECOM ASIA 2004 Youth Forum with new ideas about how to incorporate ICTs in their education, their career choices and in ICT programmes, projects and businesses. All Youth Fellows will hear about ITU-D's programmes and from alumni from the Asia 2002 Youth Forum who have launched local projects and organized Human Network. The presentations and discussions will set the stage for a voluntary post-luncheon workshop on how to take an ICT project from an idea to a for-profit or not-fot-profit business, how to develop a business plan, how to write grants and proposals and where and how to find partners and financing.

Chairman

Dr. Michael Calvano, Head, Regional Office, Asia-Pacific, Telecommunication Development Bureau (BDT), International Telecommunication Union (ITU)

Speakers

Ms. Roxana Bustos, ITU Youth Programme Officer, Telecommunication Development Bureau (BDT), International Telecommunication Union (ITU)

Ms. Vicki Yuen, Human Network

Mr. Dmitry Epstein, Digital Bridge

Experts/facilitators

Mr. Norman Lewis, Director of Technology Research, Wanadoo S.A.

Mr. Pindar Wong, VeriFi (HK) Ltd. (Hong Kong, China)

Mr. Dmitry Epstein, Ben Gurion University, alumni of ITU TELECOM ASIA 2002 Youth Forum

Ms. Vicki Yuen, Hong Kong University, alumni of ITU TELECOM ASIA 2002 Youth Forum

Ms. Walda Roseman, CEO, CompassRose International (United States)

YOUTH FORUM

YF Closing Session

This session will mark the formal closing of the ITU TELECOM ASIA 2004 Youth Forum. Here will be an opportunity for Officials and Youth Fellows to offer their perspectives on the Youth Forum, collect their certificates and be photographed as a group.

Chairman

Ms. Walda Roseman, CEO, CompassRose International (United States)

Closing Remarks

H.E. Dr. Daeje Chin, Minister of Information and Communication (Korea (Rep. of))

Mr. Roberto Blois, Deputy Secretary-General, International Telecommunication Union (ITU)

Mr. Hamadoun I. Touré, Director, Telecommunication Development Bureau, International Telecommunication Union (ITU)

Mr. Fernando Lagraña, Executive Manager, ITU TELECOM, International Telecommunication Union (ITU)

Mr. Stephen Parry, International Institutions, Group Public Policy, Vodafone Group Services Ltd.

TDS representative

Two Youth Fellows representatives

Notes:
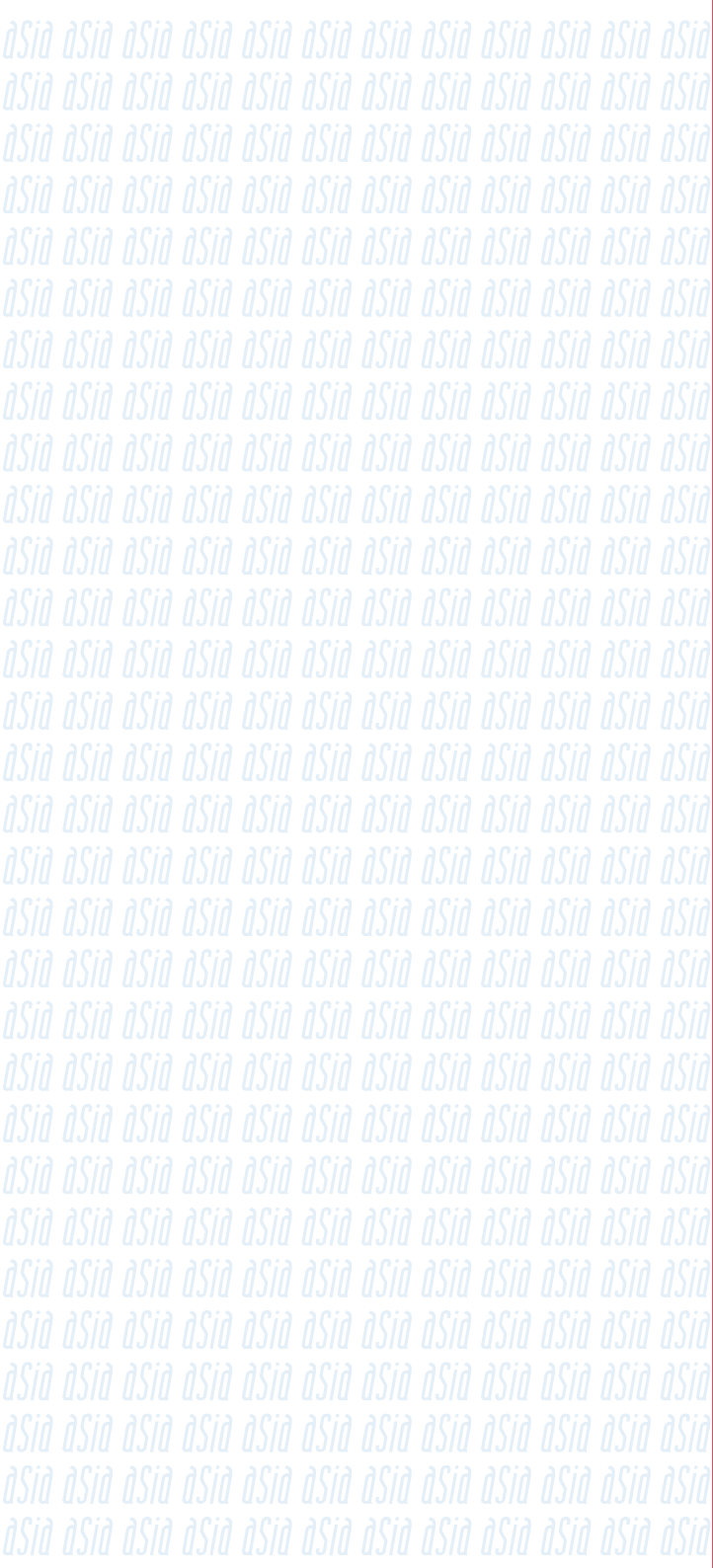
Digital Bridges Symposium

Part 1: Indices

With the growing recognition of ICTs as an effective tool for social development and economic growth, there are ever-greater incentives for countries to foster higher access levels and to overcome the digital divide, the gap that exists between those with and those without access to ICTs. An important tool for analysing the digital divide and identifying a country's strengths and weaknesses is an index, which combines multiple indicators into a single overall value. The Digital Bridges Symposium will examine a number of indices and highlight the usefulness and shortcomings of different variables and weighting methods. Effective comparisons can also be hampered by differences in how national or regional data is collected. This session will look at best practices for building both national and international measures of access to ICTs. Other key topics will include ICT data collection, compilation and dissemination.

continued

9:30-9:45   **Welcome and Opening**

Remarks
Nomination of Chairperson

9:45-10:15   **Introductory remarks**

Adoption of Agenda

10:15-11:00   **Introductory Presentations**

Background Papers
– National
– International

11:00 - 11:15   **Break**

11:15-11:45   **Keynote**

Why measure the digital divide?

11:45-12:30   **Case Studies**

Hong Kong, China
Australia
Republic of Korea

12:30-13:15   **Panel Discussion**

What to include in national surveys?

13:15 -14:30   **Lunch**

14:30-15:15   **Panel Discussion**

International Indices

15:15-16:00   **Presentations**

Statistical tools for measuring the digital divide

16:00-16:15   **Break**

16:15– 17:30   **Open Discussion**

Building an optimal ICT index

17:30-17:45   **Summary of First Day and Close**

Digital Bridges Symposium

Part 2: Technologies

Broadband is flourishing in many economies but most people in the developing world still have no access to even simple dial-up Internet access. However, a new range of wireless technologies is evolving that may offer the key to connecting rural and developing areas to high-speed Internet access. How can new, cutting-edge mobile technologies be adapted to bridge the digital divide in developing economies? Which technologies show the most promise for effectively delivering high-speed access to underserved regions at the lowest cost? Should policy makers focus on a PC-down or phone-up approach to delivering Internet access? This session will be devoted to the new technologies and policies that seem the most promising for bridging the digital divide.

continued

9:30-9:35	Welcome

Chairperson

9:35-10:00	Introductory Presentation

Background Paper

10:00-10:45	Case Studies

– India
– Malaysia
– International survey of ICT usage

10:45-11:00	Break

11:00 - 11:30	Presentation

The Portable Internet

11:30 - 12:00	Presentation

Using Wi-Fi and WiMAX to bridge the digital divide

12:00-12:45	Panel Discussion

The Internet on a mobile phone

12:45-14:00	Lunch

14:00-14:45	Panel Discussion

Making the best use of wireless technologies in the developing world

14:45-15:15	Presentation

E-applications for the developing world (e-education, e-health, e-government)

15:15-15:30	Break

15:30-16:00	Presentation

Building a foundation for new technologies (e.g. laws, regulation, culture)

16:00-16:50	Open discussion

Challenges and solutions for bridging the digital divide

16:50-17:00	Closing remarks

Notes:

List of Speakers (Main Forum and TDS)

A

Abrahamsson, Jan
Ericsson AB/Global Services .... Published Only, PL 4

Ahn, Skott
LG Electronics Inc. .... Speaker, B1

Amar, Laurent
VoiceAge Corporation .... Published Only, T1

Arnold, Colleen
IBM Corporation .... Keynote speaker, PL 3

Astles, Gordon
Cisco Systems (HK) Ltd .... Keynote speaker, PL 5

B

Baijal, Pradip
Telecom Regulatory Authority
of India (TRAI) .... Keynote speaker, POL1
.... Panelist, Tds1

Baissus, Eric
Open-Plug .... Panellist, PL 2

Barney, Bill
Asia Netcom .... Keynote speaker, PL 4

Bartolozzi, Bart
EZ Tel Group .... Speaker, T1

Behbehani, Taher
UTStarcom .... Panellist, PL 3
.... Panelist, Tds2

Best, Michael
Massachusetts Institute of Technology .... Panelist, Tds2

Bienaimé, Jean-Pierre
UMTS Forum .... Keynote speaker, B5

Billimoria, Jeroo
Child Helpline International .... Panellist, PL 5

Bin Ali, Tan Sri Abdul Halim
Multimedia Development Corporation –
Sdn Bhd .... Panelist, Tds1

Blois, Roberto
International Telecommunication
Union (ITU) .... Moderator, PL 5

Borje, Armi Jane R.
National Telecommunications Commission ....
Panelist, Tds2

Briscoe, Peter
Convedia Corporation .... Speaker, T1

F

Falk, Steve
　Sprint .... Speaker, T5

Feneyrol, Michel
　Autorité de Régulation des
　Télécommunications (ART) .... Keynote speaker, POL1

Fernandes, Bosco Eduardo
　Siemens AG ....Chair, T6

Friis, Jørgen
　ETSI (European Telecommunications
　Standards Institute)... Speaker, T4

Froehlich, Lutz
　Detecon International GmbH .... Published Only, T3

G

Ghosh, Shyamal
　Department of Telecommunications,
　Government of India ....Chair, POL2

Giroux, Michel
　International Telecommunication Union (ITU) .... Chair, T4

Gneezy, Ofer
　iBasis... Speaker, T1

Goldberg, Athomas
　Sun Microsystems, Inc. .... Panellist, B3

H

Halim Shafie, Datuk
　Ministry of Energy, Water and
　Communications ....Keynote speaker, PL 1

Hamlin, Ryan
　Microsoft Corp...Panellist, PL 5

Haydon, John M.
　Australian Communications
　Authority.. Keynote speaker, B2

Horton, Robert
　Australian Communications
　Authority...Chair, TDS1

I

Ikeda, Hiroki
　Hitachi (China) Investment, Ltd.................. Published Only, T1

J

Jacobs, Irwin Mark
　Qualcomm, Inc. ....Keynote speaker, PL 4

Jafari, A. Reza
　The Omega Partners ....Speaker, B4

M

N

Nagel, David
   PalmSource Inc ....Speaker, B1

Nakajima, Isao
   Tokai University Institute of
   Medical Sciences.................................... Published Only, PL 6
   .... Panelist, Tds4

Narayan, Amarendra
   Asia-Pacific Telecommunity............................... Speaker, PL 6

Natsuno, Takeshi
   NTT DoCoMo, Inc.................................. Keynote speaker, B2

Ng, Danny
   Nortel Networks .... Speaker, T4

Nijem, Muna,
   Jordan Telecommunications Regulatory
   Commission... Panelist, Tds1

Nishizawa, Hitoshi
   Hewlett Packard Cie... Speaker, T5

O

Obi, Toshio
   Waseda University .... Published Only, PL 3

Ohashi, Masayoshi
   KDDI Corporation .... Published Only, T2

P

Park, Ki-Shik
   ETRI – Electronics and Telecommunications
   Research Institute ....Speaker, B4

Peake, Adam
   GLOCOM .... Speaker, POL2

Peña, Virgilio L.
   Department of Transportation and
   Communications (DOTC)......................Keynote speaker, PL 5
   .... Panelist, Tds4

Pipe, Russell
   Center for Information Infrastructure and
   Economic Development (CIIED)...............................Chair, B2

Poczo, Gabriella
   Sun Microsystems .... Speaker, T5

Poulain, Olivier
   Hewlett-Packard Company....................................Speaker, B4

R

Rahardjo, Tulus
   Directorate General of Posts and
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