IPv6 FORUM

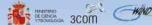## Madrid Global IPv6 Summit Conference and Tutorial Program

Euroforum Escorial
From 29th January to 1st February 2001

Sponsored by:

MINISTERIO DE CIENCIA Y TECNOLOGIA · 3com · WIND · Cisco Systems · COMPAQ Inspiration Technology · ERICSSON · hp · IDG · NOKIA Connecting People · NORTEL NETWORKS · NGN · Ola · Sun microsystems

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Madrid Global IPv6 Summit Conference and Tutorial Program:

Day 1 Monday, 29th January 2001

08:00-09:15 Registration - Breakfast

09:15-09:30 *Welcome*
Organization, Jordi Palet (Product Manager - Consulintel)
IPv6 Forum Chairman, Latif Ladid (VicePresident, Ericsson-Telebit)
IPv6 Forum Keynote, Dr. Vinton Cerf (IPv6 Forum Honorary Chairman)

Chairperson: Latif Ladid (IPv6 Forum)

09:30-10:00 **Science and Technology Ministry,** Anna María Birulés (pending confirmation)

10:00-10:30 **IPv6 Forum Keynote,** Latif Ladid (VicePresident, Ericsson-Telebit)

10:30-11:00 **IPv6: Regulation of Numbering and Addressing,** José Angel García Cabrera (Deputy Director of Telecommunications Networks and Services - CMT)

11:00-11:30 **Coffee Break**

11:30-12:15 **IETF Keynote,** Steve Deering (Co-Chairman of the IPv6 Working Group/IETF & Cisco Systems Fellow)
IPv6: Addressing the Future

12:15-13:00 **Industry Keynote,** Charles E. Perkins (Research Fellow and Head of Mobile Networking and Dynamic Configuration Protocols Team at Nokia Research Center)
The Role of IPv6 and Mobile IPv6 for 3G Telephony

13:00-14:00 **Lunch**

14:00-15:45 *IPv6, Mobile Telephony and Mobile E-Commerce*
Chairperson: Latif Ladid (IPv6 Forum)
Session Keynote: **The Wireless Tidal Wave - EU Research on the move,** Joao Schwarz Da Silva (Head Mobile and Satellite Communications - European Commission)
IPv6 in Wireless infrastructure and Terminals, Louis-Francois Pau (General Manager - Ericsson Utvecklings AB)
The merits of IPv6 in the Cellular World, Bosco Fernandes (VicePresident Strategic Development - Siemens AG, and Chairman UMTS Forum ICTG IT-Media WG)
IPv6 over the Air: Trial Project, Martin Hills (Director, Business Development - Ericsson)
The use of IPv6 in UTRAN, Carolyn Taylor (ETSI Mobile Competence Center - 3GPP)

15.45-16:00 **Life over IPv6,** Jordi Palet (Chief Executive Officer - novaGnet systems)

16:00-16:30 **Coffee Break**

16:30-17:30 *IPv6 and ISP´s*
Chairperson: Kenji Nomura (General Manager - NTT Europe)
Eurescom: ISP aspects of IPv6 transition, André Zehl (Berkom)
IPv6 ISP Trial, Stuart Prevostt (IP Specialist - Futures Testbed - BT)
NTT Communications and IPv6 - Kenji Nomura (General Manager - NTT Europe)

17:30-19:00 *IPv6 Around the World*
Chairperson: Dr. Tim Chown (Systems & Network Groups - Electronics & Computer Science Dept. - Univ. of Southampton)
China IPv6 Initiatives, Dr. Jian Ma (R&D Manager - Nokia)
Strategy in IPv6 Field, Dominique Delisle (Director of France Telecom R&D IP Programme)
RedIRIS IPng Probe Network, Miguel Angel Sotos Rodríguez (Member of Network Operation Center - RedIRIS)
Internet 2, Michael H. Lambert (Network Engineer - Pittsburgh Supercomputing Center)
IPv6 in Mexico: Test and Production Networks, Cesar Olvera (Interoperability Lab Manager - National University of Mexico)
UK and European IPv6 projects: 6INIT, Bermuda and GTPv6, Dr. Tim Chown (Systems & Network Groups - Electronics & Computer Science Dept. - Univ. of Southampton)

19:00-21:00 **Reception Cocktail**

Day 2 Tuesday, 30th January 2001

08:30-09:15 **Breakfast**
Chairperson: Tim Chown (IPv6 Forum)

09:15-10:00 **Industry Keynote,** John Hart (3Com Fellow)
The Next Generation Internet and IPv6

10:00-11:00 *Using IPv6*
Chairperson: Francisco Sánchez (Comunicaciones World Director - IDG)
The Next Generation Internet and Warfare, Michael P. Brig (US Navy - NGI Program Manager)
IPv6 Address Allocation Policies and Procedures, Joao Luis Silva Damas (Head of External Services - RIPE NCC)
IPSky - IPv6 for Aeronautical Communications, Phil Smith (IPSky Project Manager - Eurocontrol)

11:00-11:30 **Coffee Break**

11:30-13:00 *IPv6 Application and Services*
Chairperson: Juan Quemada (Professor, Telematics Engineering Department in the Telecom Engineering School of Madrid)
Home Networking with IPv6, Brian Haberman (Research Scientist - Nortel Networks)
Integrating IPv6 in Java, Joaquín Salvachúa Rodríguez (Associate Professor at DIT UPM)
The Case for IPv6 in Online Gaming, Michael P. Brig (US Navy - NGI Program Manager)
SABA-2 project: Service Creation over IPv6, Juan Quemada (Professor, Telematics Engineering Department in the Telecom Engineering School of Madrid)

13:00-14:00 **Lunch**

14:00-14:30 **Next Generation Networks Initiatives,** Franck Boissiere (Next Generation Networks Project Officer - Information Society DG - European Commission)

14:30-14:50 **LONG: IPv6 Trials and Test-Beds,** Carlos Ralli Ucendo (R&D Engineer - Telefónica I+D)

14:50-15:20 **IPv6: The New Internet Tidal Wave,** Jun Murai (KEIO University - Japan)

15:20-15:40 **IPv6 Transition Challenges,** Art Shelest (Program Manager - Windows Networking Group - Microsoft Research)

15:40-16:00 **Implementing Scalable 6to4 Infrastructure,** Brian Zill (Research Software Design Engineer - Microsoft Research)

16:00-16:30 **Coffee Break**

16:30-19:00 *Interoperable "IPv6-Ready" Platforms, Routers and Services*
Chairperson: Dr. Tim Chown (Systems & Network Groups - Electronics & Computer Science Dept. - Univ. of Southampton)
Integrating IPv6 Services in your network, Patrick Grossetete (IOS IPv6 Product Manager - Cisco Systems)
Nokia IPv6 and Platforms, Nicholas Ellenden (Business Development Manager - Nokia)
HP IPv6 Vision, My Phan (Technical Director, Systems Networking Solutions Lab - HP)
Ericsson Realtime Router Series, Johan Borje (Ericsson)
IS-IS Extensions to Support IPv6, Augusto Espin (Technology Development Center - 3Com)
Unleashing the power of the Internet, Peter Boland (Chief Technical Architect for Europe - Nortel Networks)
6Wind IP Edge Devices: A Solution for the Internet Migration, Patrick Cocquet (Chief Executive Officer - 6WIND)
IPv6 in Solaris 8, Javier de Torres (Technology Consultant - Sun Microsystems)
Integral IPv6 Services, Jordi Palet (Product Manager - Consulintel & Chief Executive Officer - novaGnet systems)

19:00-22:00 **Dinner**

Day 3 Wednesday, 31st January 2001

08:30-09:15 **Breakfast**
Chairperson: Jordi Palet (IPv6 Forum)

09:15-10:00 **Industry Keynote,** John Doyle (EMEA Chief Science Officer - Cisco Systems) Next Generation IP Technologies

10:00-11:00 *The Need for IPv6*
Chairperson: Antonio Bengoa Crespo (Telco´s - Telecom Services Aniel)
Mobile Internet Protocol under IPv6, Amlan Saha (Founder and Chief Technology Officer - 3UI)
Mobile Operator Vision of IPv6, José Ignacio Uzquiano Mato (UMTS Project Manager - Telefónica Servicios Móviles)
Wireless Access Network using IPv6: BRAIN Approach, Hector Velayos (Project Manager - Agora Systems)

11:00-11:30 **Coffee Break**

11:30-13:00 *IPv6 Key Advantages: Transition Models and Next Generation Applications*
Chairperson: Jens Kristensen (Head of Competence Center Research - Ericsson Telebit)
Active Networking for IPv6, Arturo Azcorra (Professor - Univ. Carlos III)
Migrating from IPv4 to IPv6: Transition Tools and Scenarios, Ivano Guardini (Project Leader - CSELT)
QoS provision for mobile access networks using IPv6, Alberto López (Researcher at Telematics Engineering Department at TechnicalUniversity of Madrid)
Security in the Next Generation Internet, Gerhard Gessler (Coordinator Security NGI - IABG)
IPv6 and SIP - VoIP6, Frithiof Jensen (VoIP6 Project Manager - Ericsson Telebit)

13:00-13:05 *Conference Closing*

13:05-14:00 **Lunch**

14:00-16:30 *IPv6 Tutorial*
Introduction to IPv6, Jordi Palet (Product Manager - Consulintel)
Routing in IPv6, David Fernandez (Associate Professor - Department of Telematics Engineering, Technical University of Madrid)
Multicast in IPv6, David Larrabeiti (Associate Professor - Carlos III University of Madrid)

16:30-17:00 **Coffee Break**

17:00-18:00 *IPv6 Tutorial (cont.)*
IPv4 to IPv6 Transition, Carlos Ralli (R&D Engineer - Telefónica I+D)
Summary, Q&A

19:00-23:30 **Madrid at night and IPv6 Party Magic Dinner**

Day 4 Thursday, 1st February 2001

08:30-09:15 **Breakfast**

09:15-10:55 *IPv6 Tutorial (cont.)*
Porting Applications into IPv6, Eva Castro (R&D Engineer - Technical University of Madrid)
Mobility in IPv6, Tomás de Miguel (Associate Professor - Technical University of Madrid)

10:55-11:25 **Coffee Break**

11:25-13:20 *IPv6 Tutorial (cont.)*
QoS in IPv6, Alberto López (Researcher - Telematics Engineering Department, Technical University of Madrid)
Security in IPv6, Victor Villagra (Associate Professor - Technical University of Madrid)
Summary, Q&A

13:20-13:30 *Tutorial Closing*

Showroom
The sponsors will arrange demonstrations of their products, applications and services with IPv6 support, next to the conference room.

Organized by:

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Additional information and registration:
www.consulintel.es/ipv6