



# Welcome to **IWAN 2005**

*21-23 November 2005  
CICA, Sophia Antipolis*



# Thanks to all chairs !

- General Chair: David Hutchison, Lancaster University, UK
- General Co-chair : Akira Maeda, Hitachi, Japan
- Program Comittee Chairs: Spyros Denazis, Hitachi Europe, France / Univ. Patras, Greece - Laurent Lefevre, INRIA, France - Gary J. Minden, The Universit y of Kansas, USA
- Publication Chair: Alessandro Bassi, Hitachi, France
- Publicity Chair: Jean-Patrick Gelas, INRIA, France - Robin Braun, University of Technology of Sydney, Australia
- Tutorial Chair : Mikhail Smirnov, Fraunhofer FOKUS, Germany
- Local Arrangements committee : Beatrice Dessus, Hitachi Europe, France - Daniele Herzog, INRIA, France
- Local Technical Support : Jean-Christophe Mignot, LIP, Ecole Normale Superieure de Lyon, France

# Thanks to all PC members and reviewers

- We received 68 papers :
  - 13 selected as long papers
  - 13 selected as short papers

- Bobby Bhattacharjee University of Maryland USA
- Christian Bonnet Eurecom France
- Elisa Boschi Hitachi Europe France
- Matthias Bossardt ETH Switzerland
- Raouf Boutaba University of Waterloo Canada
- Marcus Brunner NEC Germany
- Ken Calvert University of Kentucky USA
- Ken Chen University Paris 13 France
- Hermann DeMeer University of Passau Germany
- Simon Dobson University College of Dublin Ireland
- Takashi Egawa Japan
- Alex Galis University College of London UK
- Erol Gelenbe Imperial College UK
- Peter Graham University of Manitoba Canada
- Jim Griffioen University of Kentucky USA
- Robert Haas IBM Switzerland
- Toru Hasegawa KDDI R&D laboratories Japan
- Gisli Hjalmtysson Reykjavik University Island
- Doan Hoang University of Technology, Sydney Australia
- Javed Kahn USA
- Andreas Kind IBM Switzerland
- Guy Leduc Univ. Liege Belgium
- Dave Lewis Trinity College of Dublin
- Ireland John Lockwood Washington University USA
- Laurent Mathy Lancaster University UK
- Douglas Maughan U.S. Department of Homeland Security USA
- Eckhart Moeller Fraunhofer Fokus Germany
- Sandy Murphy Trusted Information Systems Labs USA
- Scott Nettles University of Texas – Austin USA
- Naomichi Nonaka Hitachi Ltd Japan
- Cong-Duc Pham Univ. Pau France
- Guy Pujolle LIP6 France
- Danny Raz Technion Israel
- Paul Roe Queensland University of Technology Australia
- Lukas Ruf ETH Switzerland
- Joan Serrat UPC Spain
- Nadia Shalaby Princeton University USA
- Yuval Shavit Israel
- Vijay Sivaraman CSIRO (ICT Centre), Sydney Australia
- James Sterbenz University of Kansas (US) / Lancaster University (UK) USA
- Toshiaki Suzuki Hitachi Ltd Japan
- Yongdong Tan Southwest Jiaotong University China
- Dirk Trossen Nokia USA
- Christian Tschudin University of Basel Switzerland
- John Vicente INTEL USA
- Tilman Wolf University of Massachusetts USA
- Miki Yamamoto Kansai University Japan
- Krzysztof Zielinski Poland
- Martina Zitterbart University of Karlsruhe Germany

# Program



- 9.00 - 10.00 : Keynote 1 : Ken Calvert, University of Kentucky, USA : "Reflections on the development of Active and Programmable Networks"
- 10.00 - 10.30 : Break
- 10.30 - 12.00 : Talks session : "Programmable networks and heterogeneity"
  - "Validating Inter-Domain SLAs with a Programmable Traffic Control System", Elisa Boschi<sup>1</sup>, Matthias Bossardt, and Thomas Dubendorfer Hitachi, France & Swiss Federal Institute of Technology, ETH, Zurich, Switzerland
  - "Cross-Layer Peer-to-Peer Traffic Identification and Optimization Based on Active Networking", I. Dedinski, H. De Meer, L. Han, L. Mathy, D. P. Pezaros, J. S. Sventek, Z. Xiaoying University of Passau, Germany & University of Glasgow, Scotland, UK
  - "Towards Effective Portability of Packet Handling Applications Across Heterogeneous Hardware Platforms", Mario Baldi, Fulvio Risso Politecnico di Torino, Italy
- 12.00 - 13.30 : Lunch
- 13.30 - 15.00 : Talks session on "architectural frameworks"
  - "Network Services on Service Extensible Routers", Lukas Ruf, Karoly Farkas, Hanspeter Hug, Bernhard Plattner Swiss Federal Institute of Technology, ETH, Zurich, Switzerland
  - "A Network-based Response Framework and Implementation", Marcus Tylutki and Karl Levitt Department of Computer Science, University of California, Davis, USA
  - "Building Resilient Networks using Programmable Networking Technologies", Linlin Xie, Paul Smith, James Sterbenz, David Hutchison Lancaster University, UK

# Program



- 15.00 - 15.15 : Break
- 15.15 - 16.45 : Short papers session (each short paper has a 10 minute slot)
  - "A Secure Code Deployment Scheme for Active Networks" Leila Kloul, Amdjed Makhtari PRISM, Universite de Versailles, France
  - "Securing AODV Routing Protocol in Mobile Ad-hoc Networks" Phung Huu Phu, Myeongjae Yi, and Myung-Kyun Kim University of Ulsan, Republic of Korea
  - "Extensible Network Configuration and Communication Framework" Todd Sproull and John Lockwood Applied Research Laboratory, Washington University in Saint Louis, USA
  - "A Model for Scalable and Autonomic Network Management" Amir Eyal, Robin Braun University of Technology, Sydney, Australia
  - "Intelligibility Evaluation of a VoIP Multi-flow Block Interleaver" Juan J. Ramos-Munoz, Angel M. Gomez, and Juan M. Lopez-Soler University of Granada, Spain
  - "A Web-Services Based Architecture for Dynamic-Service Deployment" Christos Chrysoulas, Evangelos Haleplidis, Robert Haas, Spyros Denazis, Odysseas Koufopavlou University of Patras, Greece - IBM Research, Zurich Research Laboratory, Switzerland - Hitachi Sophia Antipolis Lab, France
- 16.45 - 17.00 : Break
- 17.00 - 18.30 : Panel chaired by Lidia Yamamoto, University of Basel, Switzerland : "The guises of active networking - strategy or destiny ?"
- 19.00 : Bus leaving IWAN05 conference
- 19.00 - 23.00 : Social event in Saint Jean Cap Ferrat Hotel