

NAEC 2008 Program Schedule

Riva del Garda, September 25-28, 2008

Registration	<u>Room</u>
Thursday 03:30-6:30PM Registration	Registration Area
Registration	

Session: 1 Security and web services	<u>Room</u>
Thursday 4:30-6:00PM Session	Loggia 1
Chairman: Laurissa Tokarchuk	
Session Organizer:	

Defense Against Passive Worms In P2P Networks

Bo Zhan, University of London London UK

Laurissa Tokarchuk, University of London London UK

Chaosheng Feng,

Zhiguang Qin, University Of Electronic Science and Technology of China Chengdu Sichuan China

eCommerce Web Services : REST or WS-*

Sean Kennedy, Athlone IT Ireland

Owen Molloy, Ireland

Anomalous Usage in Web Applications

Bob Chew, MPI-QMUL Information Systems - Research Centre China

Jinfu Wang, MPI-QMUL Information Systems - Research Centre China

Athen Ma, Queen Mary, University of London London UK

John Bigham, Queen Mary University of London London UK

A Hierarchical Approach to Activity Recognition in the Home Environment based on Object Usage

Usman Naeem, QMUL London UK

John Bigham, Queen Mary University of London London UK

Session: 2 Networking and Electronic Commerce	<u>Room</u>
Thursday 4:30-6:00PM Session	Loggia 2
Chairman: Reda Reda	
Session Organizer:	

Agents Cooperation for Power-Efficient Information Processing in Wireless Sensor Networks

Ahmad Sardouk, UTT France

Leila Merghem-Boulahia, UTT Paris France

Dominique Gaiti, Universite de Technologie de Troyes France France

Towards a Generic Environment for the Large-Scale Evaluation of Peer-to-Peer Protocols

Guillaume Doyen, UTT - Universit'e de Technologie de Troyes France

Alain Ploix, UTT France

Marc Lemercier, UTT France

Rida Khatoun, UTT France

e-Business: The ICT Market, its Drivers and Future Trends

Stephan Sutor, KiwiSecurity Austria

Reda Reda, Austria

e-Business: Evolution, Emerging Markets Future Trends and Business Opportunities

Florian Matusek, KiwiSecurity Austria

Reda Reda, Austria

Session: 3 Video and Simulation**Room**

Friday 8:30-10:00AM Session

Chairman: Matjaz Gams

Loggia 1

Efficient Error Resilient Algorithm for H.264/AVC: Mobility Management in Wireless Video Streaming

Kostas E. Psannis, University of Macedonia Thessaloniki Greece

Yutaka Ishibashi, Nagoya Institute of Technology Nagoya Japan

SMIz - Secure Multicast IPTV with efficient support for video channel zapping

Antonio Pinto, Escola superior de Tecnologia Porto Portugal

Manuel Ricardo, INESC Porto - Universidade do Porto Porto Portugal

Development of an IEEE 802.11s Simulation Model for QualNet

Ivano Alocci, UCD Ireland

Sean Murphy, University College Dublin Dublin 4 Ireland

Abdelhamid Nafaa, University College Dublin Dublin 4 Ireland

John Murphy, University College Dublin Dublin 4 Ireland

A MILP Formulation for Routing Lightpaths for Attack Protection in TONs

Nina Skorin-Kapov, University of Zagreb Zagreb Croatia

Session: 4 Economics of Telecommunications**Room**

Friday 8:30-10:00AM Session

Chairman: Olivier Lefebvre

Loggia 2

From environment to high-tech: can we apply the Coase's theorem to the digital rights question?

Olivier Lefebvre, France Telecom Finance Paris France

Knowledge Economics From A Global Public Good Perspective: In Digital Markets

Filiz Giray, Uludag University BURSA Turkey

Measuring the Adoption of Mobile Services

Hannu Verkasalo, Helsinki University of Technology Hut Finland

Online Dispute Resolution: Lessons from Four Successful Cases

Faye Fangfei Wang, Bournemouth University Poole UK

Coffee Morning Break (Friday)**Room**

Friday 10:00-10:30AM Coffee Break

Registration
Area

Coffee Break (Friday Morning)

Session: 5 Plenary Session 1 (Ofek)**Room**

Friday 10:30-11:30AM Opening Session

Chairman: Bezalel Gavish

Loggia 1

The Future Internet: Challenges and Solutions

Yoram Ofek, University of Trento Povo Italy

Session: 6 Post-IP Networking**Room****Friday 11:30-1:00PM Session****Chairman: Guy Pujolle****Loggia 1****Session Organizer:****Feasibility of Session-based QoS Management Architecture for WLANs**

Badis Tebbani, LIP6 Paris France

K. Haddadou, LIP6

Guy Pujolle, LIP6 Paris France

HIP tags, a Privacy Architecture for Networking in the Internet of Things

Nyamy Dorice Diane, ENST Paris France

Simon Elrharbi, ENST Paris France

Pascal Urien, ENST Paris France

Hervé Chabanne, SAGEM Securite France

Thomas Icart, SAGEM Securite France

Cyrille Pepin, SAGEM Securite France

Mathieu Bouet, LIP6 Paris France

Daniel O. Cunha, LIP6 Paris France

Vincent Guyot, ENST and LIP6 France

Guy Pujolle, LIP6 Paris France

Jean-Ferdinand Susini, CNAM Paris France

A cooperative agent approach based on a peer-to-peer model for DDoS attacks detection and reaction

Rida Khatoun, UTT France

Radwane Saad, UTT France

Guillaume Doyen, UTT - Universit'e de Technologie de Troyes France

Ahmed Serhrouchni, Ecole Nationale Superieure des Telecommunications Paris France

Dominique Gaiti, Universite de Technologie de Troyes France France

Leila Merghem-Boulahia, UTT Paris France

On the Migration Plan for Virtual Router

Martin Heroux, UQAM Montreal Canada

Omar Cherkaoui, UQAM Canada

Guy Pujolle, LIP6 Paris France

Lunch Friday**Room****Friday 1:00-2:30PM Lunch****Registration
Area****Friday Lunch**

Session: 7 Plenary Session 2 (Reda)**Room****Friday 2:30-3:30PM Plenary Session****Chairman: Guy Pujolle****Loggia 1****ICT, e-Business, e-Commerce and Online Services, Technological Evolution, Future Trends and Impact to the Global Economy**

Reda Reda, Austria

Session: 8 Advances in Wireless Networking**Room**

Friday 4:00-5:30PM Session

Chairman: Sherali Zeadally

Loggia 1

Session Organizer:**Implementing an Adaptive Sending Rate by exploiting SNR in relation to throughput over Wireless Mesh Networks**

Scott Fowler, Aston University Birmingham UK
Marc Eberhard, Aston University Birmingham UK
Keith Blow, Aston University UK
Ahmed Shaikh, Aston University UK

Practical Implementation of Cooperative Radio Resource Management

Albena Mihovska, Aalborg University Denmark
Elias Tragos, National Technical University of Athens Greece
Sofoklis Kyriazakos, sk@es.aau.dk Denmark
P. Anggraeni, Aalborg University Denmark
P. Vlacheas, National Technical University of Athens Greece
N. R. Prasad, Aalborg University Denmark

Providing Trust in Wireless Sensor Networks using a Bio-Inspired Technique

Felix Gomez Marmol, University of Murcia Spain
Gregorio Martinez Perez, University of Murcia Spain

An Outlook on the Impact of Trust Models on Routing in Mobile Adhoc Networks (MANETs)

Arshad Jhumka, University of Warwick UK
Nathan Griffiths, University of Warwick UK
Anthony Dawson, University of Warwick UK
Richard Myers, University of Warwick UK

Session: 9 Complex and heterogeneous networks**Room**

Friday 4:00-5:30PM Session

Chairman: Robert Stewart

Loggia 2

Session Organizer:**Enhancement of an Enterprise class Wireless Integrated Network**

Robert Stewart, Athlone Institute of Technology Athlone Ireland
J. Allen,
John A. Schormans, Queen Mary University of London London UK

Simplification of Large Complex Networks via Conservation of Alternative Paths

Ling Liu, QMUL London UK
Raul J Mondragon, QMUL London UK

Growing Networks Designed to Fail Catastrophically

Zhijia Huang, QMUL London UK
Matthew Woolf, QMUL London UK
Raul J Mondragon, QMUL London UK

Investigating Efficient Triggers for Vertical Handoff

Lina Men, QMUL London UK
Eliane L. Bodanese, University of London London E1 4NS UK
Yue Chen, Queen Mary, University of London London UK
Oliver M. Shepherd, Queen Mary University of London UK

Dinner Friday**Room**

Friday 7:30-9:30PM Dinner

Restaurant

Friday Dinner

Session: 10 Ubiquitous networks**Room****Saturday 8:30-10:00AM Session****Chairman: Eric Chin****Loggia 1****Session Organizer:****Enablers for Service Catalysts in Future Open Environments**

Raffaele Giaffreda, BT Mobility Research Centre UK
Fernando Aparicio, BT Mobility Research Centre UK
Gidon Reid, BT Mobility Research Centre UK
Xavier Segura, BT Mobility Research Centre UK

Distributed optimisation of interference

Jiayuan Chen, British Telecomm Ipswich UK
Sverrir Olafsson, BT Exact Ipswich UK
Xuanye Gu, BT Mobility Research Centre UK

Quality of Experience Methodology for Evaluating VoIP Performance in Large Scale Wireless Networks

Oliver M. Shepherd, Queen Mary University of London UK
Jonathan M. Pitts, Queen Mary University of London UK

The Oligarchs of Complex Networks

Raul J Mondragon, QMUL London UK

Session: 11 Decision Support for Network-Centric Environments**Room****Saturday 8:30-10:00AM Session****Chairman: Alex Bordetsky****Loggia 2****Session Organizer:****Adaptive Emergency Response Networks**

Bryan Hudgens, Naval Postgraduate School USA

SitaWare Maritime Boarding - Decision Support for Maritime Operations

Ulrik Hoy-Petersen, Systematic Denmark
Mikkel Verner Nielsen, Systematic Denmark
Stewart Mullin, Systematic Denmark

Monitoring and Controlling an International Experiment: Optimization of Sensor Allocation and Operations in MIO Scenarios

Razvan Bugheanu, Universität der Bundeswehr München Germany
Marius Dumitrascu, Universität der Bundeswehr München Germany
Goran Mihelcic, Universität der Bundeswehr München Germany
Stefan Pickl, Germany

Virtual Communities in Command and Control

J. Carlos Vega, Naval Postgraduate School Monterey USA

Coffee Morning Break (Saturday)**Room****Saturday 10:00-10:30AM Coffee Break****Registration
Area****Coffee Break (Saturday)**

Session: 12 Plenary Session 3 (Bordetsky)**Room****Saturday 10:30-11:30AM Plenary Session****Chairman: Bryan Hudgens****Loggia 1****Exploring Frontiers of Tactical Networking and Collaboration**

Alex Bordetsky, Naval Postgraduate School USA

Session: 13 Research Challenges for Spectrum Management**Room****Saturday 11:30-1:00PM Session****Chairman: Sverrir Olafsson****Loggia 1****Session Organizer:****Spectrum Trading**

Sverrir Olafsson, BT Exact Ipswich UK

Eric Chin, BT Mobility Research Centre UK

Risk Management for Spectrum Trading

Eric Chin, BT Mobility Research Centre UK

Sverrir Olafsson, BT Exact Ipswich UK

Opportunistic access to spectrum

Nasir Memon, Polytechnic University Brooklyn USA

What is the Cost of a Regional Cellular System?

Bezalel Gavish, Southern Methodist University Dallas USA

Session: 14 Business Strategy**Room****Saturday 11:30-1:00PM Session****Chairman: Kiyoyuki Fukaya****Loggia 2****Seven Eleven Japan's new Business Strategies and Tasks**

Qun Xu, Momoyama Gakuin University Osaka Japan

Kiyoyuki Fukaya, St. Andrew's University Osaka Japan

Practice Technique of Field Innovation

Hisato Tajimi, Solution Unit Financial Solutions Business Group Fujitsu, Ltd. Japan

Kiyoyuki Fukaya, St. Andrew's University Osaka Japan

Masaki Kubota, Solution Unit Financial Solutions Business Group Fujitsu, Ltd. Tokyo Japan

Bringing Together Digital Cities and Open Access MANs

Leonardo de Souza Mendes, University of Campinas Brazil

Ana Inocencio, University of Campinas Brazil

Andre Panhan, University of Campinas Brazil

Marcelo Tilli, University of Campinas Brazil

The tasks to Expend Personal Authentication Systems Using IC cards

Kiyoyuki Fukaya, St. Andrew's University Osaka Japan

Norihiisa Komoda, Osaka University Osaka Japan

Lunch Saturday**Room****Saturday 1:00-2:30PM Lunch****Registration
Area****Saturday Lunch**

Tour and Dinner Saturday**Room****Saturday 4:00-9:30PM Tour and Dinner****TBA****Saturday Dinner (Location and Logistics to be Announced)**

Session: 15 Business Intelligence**Room****Sunday 8:30-10:00AM Session****Chairman: Jacob Slonim****Loggia 1****Session Organizer:****Multicore Computing for Business Intelligence**

Yelena Yesha, University of Maryland USA

Anupan Joshi, University of Maryland Baltimore County Baltimore USA

Dynamic Path Materialization in Stream Cubes within ITAIPU: Customizing Data Stream Management Systems for the Business Environment

Azza Abouzied, Yale University USA

Jacob Slonim, Dalhousie University Halifax Canada

Michael McAllister, Dalhousie University Halifax Canada

Business Intelligent

Sal Visca, Business Objects, an SAP Company Vancouver Canada

Open source corporate strategy: Motivating e-collective innovationChristopher L. Tucci, Lausanne Switzerland

Session: 16 Wireless Networks - Applications and Protocols**Room****Sunday 8:30-10:00AM Session****Chairman: Luis Barbosa****Loggia 2****Session Organizer:****Towards Trust Establishment in Ubiquitous Computing Environments**

Malamati Louta, University of Western Macedonia Kozani Greece

Angelos Michalas, Technological Educational Institute of Western Macedonia Kastoria Greece

Ioannis Anagnostopoulos, University of Aegean Karlovassi Greece

Dimitrios D. Vergados, University of Piraeus Piraeus Greece

GUIDE: Guiding Users in Distributed Environments for WLAN and Ad Hoc Networks

Marco Gonzalez, National Autonomous University of Mexico (UNAM) Mexico

Javier Gomez, National Autonomous University of Mexico (UNAM) Mexico

Miguel Lopez-Guerrero, Metropolitan Autonomous University (UAM) Mexico City Mexico

Jose E. Torres-Fernandez, Metropolitan Autonomous University (UAM-I) Col. Vicentina Mexico

Victor Rangel, National Autonomous University of Mexico (UNAM) Mexico

RPSF: A New QoS Bandwidth Request Mechanism for the IEEE 802.16

Jesus Delicado-Martinez, Universidad de Castilla-La Mancha (UCLM) Spain

Francisco M. Delicado, University of Castilla la Mancha Spain

Luis Orozco Barbosa, Universidad de Castilla La Mancha Spain

Unfairness Uplink/Downlink in IEEE 802.11 WLANs

Francisco Mico, Universidad de Valencia Spain

Jose Miguel Villalon, Universidad de Castilla-La Mancha Spain

Pedro Cuenca, Universidad de Castilla-La Mancha Spain

Coffee Morning Break (Sunday)**Room****Sunday 10:00-10:30AM Coffee Break****Registration
Area****Coffee Break (Sunday)**

Session: 17 Routing**Room****Sunday 10:30-12:00 Session****Chairman: Emilio Arruda Filho****Loggia 1****Session Organizer:****Least Cost Routing Applied to Telecommunications Systems Integration**

Emilio J. M. Arruda Filho, University of Bergamo Bergamo Italy

Silvia Biffignandi, University of Bergamo Italy

Vittorio Moriggia, University of Bergamo Italy

Alberto Marino, University of Bergamo Bergamo Italy

Cross Layer Design of Ad-HOC Network Routing with Implementations to OLSR and DSR

Merlinda Drini, City University of New York New York USA

Tarek Saadawi, The City College of New York USA

A Computational Efficient Method for Joint Blind Channel and Carrier Offset Estimation for CDMA Systems

Dimitris V. Vlachos, Brunel University UK

Marios G. Hadjinicolaou, Brunel University UK

Kostas E. Psannis, University of Macedonia Thessaloniki Greece

Session: 18 Security and Authentication**Room****Sunday 10:30-12:00 Session****Chairman: Christopher Tucci****Loggia 2****e-Business Security and Trust Aspects**

Klemens Kraus, Kiwi Search Software GmbH Viena Austria

Reda Reda, Austria

Next Steps Towards Practical Application of Quantum Cryptography

Thomas Laenger, Austrian Research Centers GmbH - ARC Vienna Austria

Solange Ghernaoui-Helie, HEC-University of Lausanne Switzerland

Intelligent Access Control System Based on Users Behavior

Bostjan Kaluza, Josef Stefan Institute Ljubljana Slovenia

Matjaz Gams, Institute Jozef Stefan Ljubljana Slovenia

Session: 17 Closing Session**Room****Sunday 12:00-12:15 Closing Session****Chairman: Bezalel Gavish****Loggia 1****Closing Session**

Bezalel Gavish, Southern Methodist University Dallas USA