

NAEC 2012 Program Schedule

Riva del Garda, October 11-14, 2012

Thursday

Registration
Thursday 04:00-6:00PM Registration

Room
Reg. Area

Registration

Friday

Session: 1 Networks and Communication Systems

Friday 8:30-10:00PM Session

Chairman: Homero Toral-Cruz

Room
Loggia 1

Session Organizer: Homero Toral-Cruz

Linking Wireless Connectivity to Disaster Resilience: An Initial Study of China

Michael R. Bartolacci, Penn State University - Berks Reading USA

Dilek Ozceylan, Sakarya University

An Information-theoretic Approach to Traffic Traces Sanitization for Intrusion Detection Purposes

Pablo Velarde-Alvarado, Autonomous University of Nayarit

Cesar Vargas-Rosales, ITESM-Monterrey Mexico

Homero Toral-Cruz, Instituto Tecnológico Superior de Las Choapas - ITSCH Mexico

Julio C. Ramirez-Pacheco, University of Caribe

Detection of Bursty Packet Loss by Using Tsallis's Permutation Entropy

Jesus Argaez-Xool, CINVESTAV Mexico

Deni Torres-Román, Centro de Investigación y de Estudios Avanzados - CINVESTAV Mexico

Homero Toral-Cruz, Instituto Tecnológico Superior de Las Choapas - ITSCH Mexico

Leopoldo Estrada-Vargas, Centro de Investigación y de Estudios Avanzados - CINVESTAV Mexico

Single-radio Stub Wireless Mesh Networks - Architecture for a Channel Assignment Subsystem

Filipe Teixeira, Universidade do Porto Porto Portugal

Tania Calcada, Universidade do Porto Porto Portugal

Manuel Ricardo, INESC Porto - Universidade do Porto Porto Portugal

Coffee Morning Break (Friday)

Friday 10:00-10:30AM Coffee Break

Room
Reg. Area

Coffee Break (Friday Morning)

Session: 2 ICT and E-Commerce**Room****Friday 10:30-12:00AM Session****Chairman: Michael Bartolacci****Loggia 1**

Session Organizer: Michael R. Bartolacci

Optimizing ICT in Transport Collaboration: Identifying Variables and Constraints

Yasanur Kayikci, University of Leoben Vienna Austria

Michael R. Bartolacci, Penn State University - Berks Reading USA

ICT-innovations - changing the business

Jarmo Harno, Laurea University of Applied Sciences Finland

Investigating the Critical Success Factors of E-Learning

Madina Taha, Brunel University (Ahlia University) Bahrain

Said Al-Hajjar, Ahlia University Bahrain

Broadening E-Commerce Information Security Education Using Virtual Computing Technologies

Abdullah Konak, Penn State University Reading USA

Michael R. Bartolacci, Penn State University - Berks Reading USA

Lunch Friday**Room****Friday 12:00-1:30PM Lunch****Reg. Area****Friday Lunch**

Session: 3 Network Performance**Room****Friday 2:30-4:00PM Session****Chairman: Albena Mihovska****Loggia 1**

Session Organizer: Albena Mihovska

Zoneminder as 'Software as a Service' and Load Balancing of Video Surveillance Requests

Aaradhana A. Deshmukh, Aalborg University Aalborg Denmark

Albena Mihovska, Aalborg University Aalborg Denmark

Ramjee Prasad, Aalborg University Aalborg Denmark

Effects of Self-Similar Telecommunications Network Traffic on Network Performance

Izabella V. Lokshina, State University of New York - College at Oneonta Oneonta USA

Are bonuses/maluses efficient to trigger the sales of "green products"? The example of "green cars" and the possible application to telecommunications.

Olivier Lefebvre, France Telecom Finance Paris France

Coverage Improvement for Wireless Sensor Networks using Grid Quorum based Node Mobility

Prateek Mathur, Aalborg University Aalborg Denmark

Rasmus H. Nielsen, Aalborg University,

Aalborg University Aalborg Denmark

Neeli R. Prasad, Aalborg University Aalborg Denmark

Ramjee Prasad, Aalborg University Aalborg Denmark

Dinner Friday**Room****Friday 7:00-9:00PM Dinner****Restaurant****Friday Dinner**

Saturday

Session: 4 Network Modelling**Saturday 8:30-10:00AM Session****Chairman: Stefan Pickl****Room**
Loggia 1

Session Organizer: Stefan Pickl

Target Lost: An Interception Game on Graphs

Alex Bordetsky, Naval Postgraduate School USA

Silja Meyer-Nieberg, Universität der Bundeswehr München Neubiberg Germany

Erik Kropat, Universität der Bundeswehr München Neubiberg Germany

Stefan Pickl, Universität der Bundeswehr München Neubiberg Germany

Wavelet q-Fisher information for 1/f signals

Julio C. Ramirez-Pacheco, University of Caribe

Deni Torres-Román, Centro de Investigación y de Estudios Avanzados - CINVESTAV Mexico

Homero Toral-Cruz, Instituto Tecnológico Superior de Las Choapas - ITSCH Mexico

Jesus Argaez-Xool, CINVESTAV Mexico

Pablo Velarde-Alvarado, Autonomous University of Nayarit

Luis Rizo-Dominguez, University of Caribe – UNICARIBE

Hierarchical Approach for New Routing Protocol Focusing on the Control Time Scale

Yudai Honma, Waseda University Tokyo Japan

Masaki Aida, Tokyo Metropolitan University Tokyo Japan

Hideyuki Shimonishi, NEC Corporation Kanagawa Japan

Adapting Sensor Networks for Surveillance and Tracking

Erik Kropat, Universität der Bundeswehr München Neubiberg Germany

Silja Meyer-Nieberg, Universität der Bundeswehr München Neubiberg Germany

Stefan Pickl, Universität der Bundeswehr München Neubiberg Germany

Coffee Morning Break (Saturday)**Saturday 10:00-10:30AM Coffee Break****Room**
Reg. AreaCoffee Break (Saturday)

Session: 5 Plenary Session**Saturday 10:30-11:45AM Opening Session Chairman: Michael Bartolacci****Room**
Loggia 1**Human Computing Capacity and Future Human Development**Bezalel Gavish, Southern Methodist University Dallas USA

Lunch Saturday**Saturday 12:00-1:30PM Lunch****Room**
Reg. AreaSaturday Lunch

Session: 6 Process Control**Saturday 2:00-3:30PM Session****Chairman: Nobukhosi Dlodlo****Room
Loggia 1**

Session Organizer: Soloman Almadi

Firewall Evaluation & Selection Criteria for Process Automation Networks

Hussain Al-Salem, Saudi Aramco Dhahran Saudi Arabia
Fouad M. Al-Khabbaz, Saudi Aramco Dhahran Saudi Arabia
Saad Al-Harbi, Saudi Aramco Dhahran Saudi Arabia
Zakarya Abu Al-Saud, Saudi Aramco Dhahran Saudi Arabia
Abdulrahman Al-Shehri, Saudi Aramco Dhahran Saudi Arabia
Bader Al-Dous, Saudi Aramco Saudi Arabia

IT Obsolescence Life Cycle Management Model for Industrial Systems

Soloman Almadi, Brunel University United Kingdom
Saad Al-Harbi, Saudi Aramco Dhahran Saudi Arabia

Risks and Controls Concept - Process Control Systems Security

Hussain Al-Salem, Saudi Aramco Dhahran Saudi Arabia
Salem Al-Elwi, Saudi Aramco Dhahran Saudi Arabia
Zakarya Abu Al-Saud, Saudi Aramco Dhahran Saudi Arabia

Perceived Benefits of E-Marketing Among South African SMEs

Nobukhosi Dlodlo, Vaal University of Technology South Africa
C. Mafini, Vaal University of Technology Vanderbijlpark South Africa

Advertising Modeling and Market Time Series Spectral Analysis

Zhenya Karapetyan, Yereva State University Yerevan Armenia
Gohar Shakhparyan, Yerevan State University Yerevan Armenia
Aram H. Arakelyan, Yerevan State University Yerevan Armenia

Session: 7 Closing Session**Saturday 3:30-3:45PM Closing Session****Michael Bartolacci****Room
Loggia 1****Closing Session**
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