



International Conference RoEduNet Craiova 2007



CONFERENCE PROGRAM

Craiova, 23 – 24 November 2007

RoEduNet Conference
23 – 24 November 2007
CRAIOVA

Conference Program

Day one, 23rd of November 2007

“Constantin BELEA” Amphitheatre

09:30 Registration of participants

10:00 Opening speeches

10:15 Keynote presentation:

“Networking for Research and Education: Facts and Figures”

dr. Octavian RUSU, director RoEduNet

10:45 Keynote presentation:

“A new ORACLE Initiative to Foster Entrepreneurship in the Student Community”

Alain OZAN, Vice-president Technology, Oracle EE & CIS

11:15 Keynote presentation:

“TERENA and the GEANT 2 Development Support Activity”

Valentino CAVALLI, Deputy Chief Technical Officer, TERENA

11:45 Coffee Break

12:00 Tutorial

“Extended Identity Management Ecosystem”

Liviu GHERMAN, Fusion Middleware Solution Sales Representative, ORACLE Romania

12:45 Tutorial

“IPODWDM Principles”

George BOULESCU, System Engineer, Cisco Systems, Romania

13:30 Lunch Break

14:30 Tutorial

“DWDM Mesh Ready Networks“

Adrian Aron, System Engineer, Cisco Systems Romania

15:30 Coffee Break

15:45 Workshop

“Constantin BELEA” Amphitheatre

“VoIP and Videoconferencing in
research and education”

Mihai BARBULESCU &

Valentino CAVALLI

RoEduNet Bucharest & TERENA

15:45 Workshop

Council Room (first floor)

“An overview and outcomes of Oracle
Academy Programme”

Adriana MIRCEA, Oracle Romania

Roxana TIMPLARU, “Odobleja” High
School CRAIOVA

18:00 End of day one activities

19:00 **Dinner for Conference participants at club “Atlantys”**

(Romul Street, Building T3)

Day two, 24th of November 2007

Session No 1: Network Management and Security

Room 309b (3rd floor)

Chair: Prof. Dr. Ioan Jurca, director OAO Timisoara Branch

- 1.1 10:00 An on Demand IPv4/IPv6 Multicast Translator
Tudor Mihai Blaga, Virgil Dobrota, Ferenc Szasz, Romeo Vidrascu
- 1.2 10:15 QoS Parameters' Benchmarking System with Complex Traffic Pattern Definition
B. Iancu, A. Peculea, V. Dadarlat, I. Ignat, E. Cebuc, Z. Baruch
- 1.3 10:30 Enabling SNMP for IEEE 802.15.4: A Practical Architecture
Cristian Mihai Vancea, Virgil Dobrota
- 1.4 10:45 Building of National Grid Infrastructure in Republic of Moldova
P. Bogatencov, V. Sidorenco, I. Mardare, S. Andronic, A. Altuhov, V. Pocotilenco, S. Bleih, I. Savciuc

11:00 Coffee Break

- 1.5 11:15 Wireless Network at TUCN – Case Study
Sándor Rózsa, Adrian Mircea Roiban, Emil Cebuc, Zoltán Majó
- 1.6 11:30 An approach to Computer Assisted Education, local and remote, with respect to GRID technologies
Mariana Marinescu, Viorel Marinescu, Nicolae Popovici
- 1.7 11:45 Bindings for Security Protocol Message Composition
Genge Bela, Haller Piroska
- 1.8 12:00 Backup Management on a Large Network
Florin B. Manolache, Octavian Rusu

12:15 Coffee Break

- 1.9 12:30 Towards a GridMOSI Library
Alin Suciu, Rodica Potolea
- 1.10 12:45 Network Security in the Context of the Botnets Threat
Radu Constantinescu, Răzvan Daniel Zota, Adrian Vasilescu
- 1.11 13:00 Experimental results about Multiprotocol Routing and Route Redistribution
Eugen Petac, Bogdan Musat

Session No 2: Wireless and Multimedia Communications

Room 309a (3rd floor)

Chair: Dr. Octavian Rusu, general director OAO RoEduNet

- 2.1 10:00 M-Education Experience of Ukrainian University
N.A.Sidorov, A.G.Petruk, A.S. Nechay
- 2.2 10:15 Using Mobile Devices for Information Retrieval in the Academic Environment
Ileana Stănescu, Răzvan Zota, Raluca Stănculescu, Laura Stănescu, Emil Stănescu
- 2.3 10:30 Performance Comparison on the Last-Mile Access Segment for Different Wireless Technologies
Emanuel D. Puschita, Tudor P. Palade
- 2.4 10:45 An End-to-End QoS Framework with Self-Adaptive Bandwidth Reconfiguration
A. Peculea, B. Iancu, I. Ignat, V. Dadarlat, Z. Baruch, E. Cebuc

11:00 Coffee Break

- 2.5 11:15 Analysis of Post-Deployment Sensing Coverage for Video Wireless Sensor Networks
Dan Pescaru, Vasile Gui, Corneliu Toma, Daniela Fuiorea
- 2.6 11:30 Critical Data Streaming on WiFi Networks
Alin Dan Potorac
- 2.7 11:45 Virtual Machines: Implementation
Hadrian Popescu, Cosmin Natea, Calin Enachescu, Bogdan Crainicu
- 2.8 12:00 Case Study - An Open Source solution for network user authentication
Manuel Subredu, Octavian Rusu, Valeriu Vraciu, Florin Manolache

12:15 Coffee Break

- 2.9 12:30 Applicability of Mobile Ad Hoc Networks in an Aeronautical Environment
Kimon Karras

Session No 3: ODL and CNAP

Room 312 (3rd floor)

Chair: Dr. Ileana Hamburg, Institut Arbeit und Technik Gelsenkirchen, Germany

- 3.1 10:00 A survey on control under communication constraints
Prateep Kumar Roy, Arben Cela
- 3.2 10:15 The Internet and the Democratization of Access to Knowledge. Study Case: CID
Marilena V. Ianculescu, Monica F. Parvan
- 3.3 10:30 RENAM-RoEduNet gateway upgrading approaches
A. Andries, P. Bogatencov, E. Peplow, O. Rusu, G. Secrieru, V. Sidorencu
- 3.4 10:45 Communities of Practice and Web 2.0 to support learning in SMEs
Ileana Hamburg, Steffi Engert, Petschenka Anke

11:00 Coffee Break

- 3.5 11:15 Realization of conceptions of Cisco Systems in study of the difficult mehatronic system via the Internet
L. Tsvirkun, I. Kmitina, S. Goncharuk
- 3.6 11:30 Introduction the Cisco Networking Academy Program into Educational Process of Preparation Computer Network Specialists at Kryvyi Rih Technical University
V. Chubarov
- 3.7 11:45 Decision Trees - A New Paradigm in the Educational Research
Laviniu Aurelian Bădulescu, Roxana Tîmplaru
- 3.8 12:00 The Implementation of a Multimedia Presentation Generator for Varied Categories of Products
Gheorghe Marian, Nicolae Iulian Enescu, Eugen Dumitrașcu

12:15 Coffee Break

- 3.9 12:30 Virtual Tourism as a new Mass Media
Ilie Rotariu
- 3.10 12:45 Computer-aided Education: Experiencing Writing in the Digital World
Eusebia Iris Muresan

3.11 13:00 Considerations on the Quality Management of e-Learning process
Oleg Cernian, Ileana Hamburg, Adrian Neatu, Radu Stefan

13:30 The 6th edition of the Conference “RoEduNet” Craiova 2007 is closed.

The Organising Committee is grateful to all participants and supporters for the successful running of this edition of the International “RoEduNet” Conference.

See you at the 7th edition in 2008!