



1st RENAM UC – 2007 **RENAM National Research and** **Education Network User's** **Conference**



14 - 15 May 2007

Science and Education in the Information Society of Moldova

Conference's goal and structure

Main purpose of the RENAM User's Conference is to discover and to discuss actual problems and development perspectives of the information infrastructure and services for e-science and e-learning communities of Moldova, together with international collaboration aspects.

The Conference is programmed for two days:

- **14 May** – Plenary session, presentation and inauguration of National Grid Initiative MD-Grid, presentation and discussion of thematic reports, round table.
- **15 May** – Identity Management Workshop organized by TERENA – Trans-European Research and Education Networking Association for RENAM Network segments administrators.

Organizing Committee

Organizing Committee Co-Chairs

M.C. Grigore Belostecnic, Rector of AESM

Acad. Ion Bostan, Rector of TUM, RENAM Council Chairman

Acad. Andrei Andrieș, General Director of RENAM, Academician of ASM

Organizing Committee Secretariat

Ion Covalenco, Informatics Department Director, AESM, RENAM

Veaceslav Sidorenco, Associate Professor, Dr., TUM, RENAM

Organizing Committee Members

Dr. Grigore Secrieru, RENAM, ASM

Boris Varzari, RENAM, UTM

Dr. Tudor Cibotaru, dșt, RENAM, SUM

Dr. Petru Bogatencov, dșt, RENAM, ASM

Anatol Gonciaruc, RENAM, ASM

A. Crușenițchii, MPhU

Mihail Cușnir, AUM

Alexei Altuhov, RENAM

Victor Axentii, RENAM, AESM

1st RENAM UC – 2007 Conference Program

14 May 2007

Venue: Academy of Economical Studies of Moldova

Chişinău, Bănulescu-Bodoni str. 59, Building B, Library Room 5

09:00 – 09:30 *Registration*

09:30 – 10:00 **Opening Session**

1. **Welcome speech** – M.C. Grigore Belostecinic, rector of AESM
2. **Welcome speech** – Acad. Ion Bostan, rector of TUM, President of RENAM Council
3. **Welcome speech** of invited persons.

10:00 – 10:45 **Plenary Session**

Moderators: M.C. G Belostecinic, Acad. Ion Bostan

1. **National Research and Education Network RENAM: actual state and perspectives.**
Acad. Andrei Andrieş, RENAM.
2. **TERENA: Development Support Activity for EE Countries.**
Valentino Cavalli. TERENA

10:45 – 11:15 National Grid Initiative MD-Grid: presentation and inauguration.

Moderators: M.C. I. Tighineanu, Acad. A. Andrieş, Dr. V. Sidorenco, Dr. P. Bogatencov

11:15 – 11:45 *Coffee Break*

11:45– 13:15 IT in science and education: Reports Session

Moderators: Acad. A. Andrieş, Dr. T.Cibotaru

1. Presentation of systems

Distance learning systems, interactive learning systems, education and university management systems, virtual laboratories.

Presented by invited specialist from domain companies – less than 20 min each

- 1.1. Presentation of OMNICOM, Moldova „*Integration of videoconference technologies in interactive distance learning*”
- 1.2. Presentation of SOFTWIN, Romania „*Education for 21st Century: Intuitext Integrated Solutions*”.
- 1.3. Presentation of UPS "Ion Creanga", Moldova „*Virtual Laboratory. Perspectives of implementation in university education*”.
- 1.4. Presentation of JMD PLANET, Moldova “*Folium. Information Solution for Electronic Registry and Documents Exchange Flows*”

13:15 – 14:00 *Lunch break*

14:00 – 15:30 RENAM infrastructure and resources for science and education. Development Strategies.

Moderators: I. Covalenco, dr. P. Bogatencov

1. Reports by delegates from: RENAM, ASM, SUM, TUM, AESM, SMPPhU, SAUM, SPU, BSU

Reports about development directions of RENAM network common infrastructure, resources and services, creation of advanced relationship between research and education institutions based on new Inter-institutional Agreement proposed for adoption. Development of joint activities and partnership relations in the domains of national science and education. Creation of Technical Coordination Council of RENAM based on delegates from RENAM and ASM, SUM, TUM, AESM, SMPPhU, SAUM, SPU, BSU. Discussions of important topics:

- Accessible and future technologies and services
- Network administration and security
- Inter-institutional collaboration
- Telemedicine
- Scientific Resources (for e-science)
- Academic Reassures, e-learning, Learning Management Systems
- Perspectives of Wireless Network extension to university associated colleges.

Reports:

1.1. Methods of Using of Parallel Computing Cluster of SUM in the domains of Science and Education.

Conf. univ., dr. Boris Hincu

1.2. Computer Aided Education and High Education Applications.

Dr. Tudor Bounegru

2. RENAM: international collaboration, projects of EU, NATO, CRDF, CSSDT

- POS and Black Sea - dr. P.Bogatencov, dr. V.Sidorenco, V.Pocotilenco
- SEEGRID (Essence, NGI, MoU, SLA), Cisco NAP - dr. V.Sidorenco, dr. P.Bogatencov, A.Altuhov, V.Pocotilenco
- CERT - A.Altuhov, A.Golubev
- Participation in projects preparation for FP7 Program in the domain of IT - M.Iovu, ASM.

15:30 – 16:00 *Coffee Break*

16:00 – 16:30 **Round Table. Conference Closing.** Final discussions and decisions

Moderators: Acad. A.Andrieş, Dr. G. Secrieru, Dr. V. Sidorenco

„Research and Education Network RENAM: information resources and technologies for science and education”



1st RENAM UC – 2007

Identity Management Workshop



15 May 2007

Venue: Academy of Economical Studies of Moldova
Chişinău, Bănulescu-Bodoni str., 59, Building B, Classroom 205

The Identity Management Workshop is organized by **TERENA** in the frame of *1st RENAM User Conference* and as part of the GN2 Development Support activity.

The workshop is presented by **Victoriano Giralt**, Systems Manager, Central Computing Facility, University of Malaga, Spain.

Local Organizers:

Ion Covalenco, ASEM, Classroom and Equipment Manager
Alexei Altuhov, RENAM, Manager of Participants.

09:30 - 10:15 Introduction to Identity Management

10:15 - 10:40 Introduction to LDAP

10:40 - 11:00 *Coffee Break*

11:00 - 11:30 Schemas: what are they and how to use them? Some notions on eduPerson and SCHAC

11:30 - 12:00 RADIUS

12:00 - 12:30 How to provide Authentication

12:30 - 13:00 The experience at University of Malaga

13:00 - 14:00 *Lunch Break*

14:00 – 16:30 Hands-on session

During this session the attendees will learn how to use and configure a Directory Server. A brief description on how OpenLDAP and Fedora Directory System (FDS) work will also be presented. The examples and exercises will concentrate on Fedora (FDS).

15:05 - 15:25 *Coffee Break*

15:25 - 16:30 Hands-on session (Continue)

16:30 *Closing*

More information: http://www.terena.org/events/details.php?event_id=1005