

**The Programme of NATO Advanced Networking Workshop
Armenian National Research and Education Networks: Achievements,
Problems and Solutions
November 12-14 , 2007
Yerevan, Armenia
Aniplaza hotel**

DAY 0 November 11, 2007 Arrivals

DAY 1 November 12, 2007

9:00 – 9:30 Registration

Opening and welcome addresses

9:30-10.30 President of NAS RA Prof. Radik Martirosyan
Deputy Minister of Foreign Affairs A. Kirakossian
General Director of Armenia Development Agency T.Davtyan
NATO and International Organizing Committee – Dr. Jacek
Gajewski
CEENet – Prof. Ramaz Kvatadze

10:30 – 10:45 Coffee break

10:45 - 11:40

Session 1: The structure of Armenian NREN

Chair: G. Evoyan

10:40-11.10 Academic scientific network (ASNET-AM) – V. Sahakyan
11:10-11:40 Armenian research, education and cultural organizations
network infrastructure: a view from the libraries (LIBNET) –
T. Zargaryan
11:40-12:10 ARENA, Silk project and University Network – G. Babayan
(ARENA)
12:10-12:40 YerPhi network overview - S. Mkoyan (YerPhi)

12:40 - 15:20

Session 2: Planning the future developments of Armenian NREN

Chair: I. Mkrtumyan

12:40-13:00 The vital needs of the Armenian National Research and
Education Network - Yu.Shoukourian (NAS RA)

13:00-13:45 Lunch

13:45-14:15 High-speed (10G) interconnection of Research and Educational
networks within Yerevan/Armenia - R.Tadevosyan (ASNET-AM)
14:15-14:45 Introduction of advanced services in Armenian high-speed
Research and Education interconnection backbone– A.
Petrosyan (ASNET-AM)
14:45-15:15 High Performance Computing Resources in Armenia: Past,
Present, Future – H.Atsatryan (ASNET-AM)

15:15 – 15:30 Coffee break

15:30 - 17:40

Session 3: International Organizations and their role in NREN development

Chair: J. Gajewski

- 15:30-16:00 ISOC and its role in the Internet Development, ISOC Chapters – Sabrina Wilmot
- 16:00-16:20 ISOC-Armenia Chapter - I.Mkrtumyan (ISOC AM Chapter/AUA)
- 16:20-16:40 The Role of NATO and CEENet in the development of regional NRENs – J.Gajewski
- 16:40-17:00 The Role of OSI in the development of Armenia NREN - A.Markosyan (OSI)
- 17:00 – 17:20 NFSAT's role in regional and international cooperation– H.Karapetyan (NFSAT)
- 17:20 – 17.40 EU programmes and their role in the advance of research and education in Armenia - L.Aslyan (NAS RA)
- 17:40 – 19:30 Videoconferencing of ISOC Chapters

19:45 Reception dinner

22:00-24:00 Tour around the night Yerevan

Day 2, November 13

9:00-11:00

Session 4: Cooperation between regional NRENs (Porta Optica Study and Black Sea Initiative projects)

Chair: R. Kvatadze

- 9:00-9:30 Porta Optica Study results – Piotr Turewicz (Poland)
- 9:30-9:40 Black Sea Initiative and regional cooperation - R. Kvatadze (GRENA)
- 9:40-10:10 Present state of the BSI project and link to the outside (GEANT2) – M. Soysal (TUBITAK/ULAKBIM)
- 10:10-10:35 Georgia international connectivity – George Gotoshia (Georgia Railway Telecom)
- 10:35-11:05 Implications for NRENs of e-comms regulation, and universal internet access in Armenia – Claire Milne (UK)

11:00–11:15 Coffee break

11:15-13:15

Session 5: Participation in the EU projects

Chair: M. Soysal

- 11:15-11:45 SEEGRID, SEEREN and SEEGRIDSCI projects – Ognjen Prnjat (GRNET)

11:45-12:00 Moving to the VC site
12:15-13:15 Videoconferencing session with GEANT:
GEANT2 – Exploration in the Eastern Countries of Europe –
John Chevers (DANTE)

13:15-14:00 Lunch

14:00-18:00

Excursion: Garni-Geghard

Day 3, November 14

9:00-10:45

Session 6. Participation in the EU projects

Chair: O. Prnjat

9:00-9:30 Regional cooperation in the GRID project – Ognjen Prnjat
(GRNET)
9:30-10:00 Armenian e-Science Foundation Certification Authority: a
courtesy service of the issuance of digital certificates for national
networks - Arsen Hayrapetyan
10:00-10:30 High speed interconnection with GEANT as a prospective tool
encouraging R&D in Life Sciences in Armenia – A. Boyajyan
(IMB NAS RA)
10:30-11:00 Trans-border networks for geological, geodynamic and
seismological observation for natural hazards assessment – H.
Babayan (IGS NAS RA)
11:00-11:30 New Scientific Ideas Through New Technologies and New
Opportunities - H. Harutyunian (BAO NAS RA)
11:30-12:00 CLOSER and other EC projects – J. Gajewski

12:00 – 12:15 Coffee break

12:15-14:00

Panel discussions on scientist requirements toward Armenian NREN
(moderated by Yu. Shoukourian)

Panel discussion on Consortium of Armenian RENs – CAMREN
(moderated by J. Gajewski)

Workshop wrap up (J. Gajewski)

Closing (Yu. Shoukourian)

14:00-14:45 Lunch

Day 4 Departures