



## PICTURE

*Policy dialogue in ICT to an Upper  
level for Reinforced EU-EECA  
Cooperation*

## INARMERA-ICT

*Integrating Armenia into ERA:  
Information and Communication  
Technologies*

### Joint Workshop on

## Components, Computing Systems and Networks

**Wednesday, 25th September 2013, Yerevan**

### Objectives

PICTURE project aims to bring together the European and EECA knowledge networks in the field of “Components, Computing Systems and networks” to give a joint response to global challenges. INARMERA-ICT aims at identifying cooperation perspectives in ICT research priority areas by close collaboration between EU and Armenia scientists through the development of a set of Pilot Projects.

The Workshop’s objectives are:

1. Meeting of PICTURE WG2 “Components, Computing Systems and Networks”.
2. Meeting of INARMERA-ICT WP4 around the current set of Pilot Projects.
3. Clarifying common research priorities and identifying some potential joint activities for future cooperation between the European Technology Platforms (ETPs) and the relevant EECA structures.

The Workshop will be attended by:

- representatives from European Technology Platforms (ETPs); Supposing Net!works, Photonics21 and ETP4HPC
- INARMERA-ICT project partner teams of IIAP (AM), IRIT, SzTAKI (HU), EuroTex (BG) and Research Partners (EU).
- high level ICT stakeholders from the EECA region;
- members of PICTURE Working Group on “Components. Computing Systems and Networks”.

**Note:** PICTURE project has formed a Working Group on “Components, Computing Systems and Networks” to strengthen the opportunities for interaction between the European Union (EU) and the Eastern Europe Central Asia (EECA) countries in this research and application domain. This Working Group provides a point of reference in the process of development of recommendations on reinforcing relevant EU-EECA ICT cooperation and contributes to the project work through its findings. INARMERA-ICT project, in a way of reinforcing ICT research potential of IIAP provides implementation of a set of Pilot Projects that will be used in proposal preparations to the Horizon 2020 programme.

#### **Background documents:**

- Roadmap for PICTURE Support to ICT Policy Dialogue.
- Map connecting ETPs research priorities with those of the EECA region in light of HORIZON 2020’s Societal Challenges.

#### **Venue:**

Conference Hall of the National Academy of Sciences, Baghramyan 24, Yerevan 0009, Armenia

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## **AGENDA**

### **Opening session**

**Yuri Shoukourian**, Vice President of NAS RA, Coordinator of INARMERA-ICT project  
**Samvel Harutyunyan**, Chairman of the RA State Committee for Science, Professor  
**Svetlana Klessova**, Coordinator of PICTURE project

**9.30 - 10.00**

Presentation of the ETPs including their scope, research priorities, main objectives and more important activities

**10.00 –  
11.30**

Mr. Carles Anton-Haro, representative of ETP Net!works  
representative of ETP Photonics21 (to be confirmed)  
representative of ETP4HPC (to be confirmed)

Mr Philip Kazin, Ms Irina Livshitz, RTP Photonics, Perspectives of Cooperation between the Russian and EU technology platforms

**11.30 –  
12.00**

### **Coffee Break**

**12.00 –  
13.00**

Presentations of R&D ICT potential of EECA region (Russia, EaP countries and CA countries) in the area of “Components, Computing Systems and Networks” including the identified common research priorities and the national ICT structures that could be interested to cooperate with the ETPs.

Presentations of INARMERA-ICT ICT Partner Organizations.

**Note:** There will be one presentation per EU and EECA country (duration 10-12 min).

**13.00 –  
14.30**

### **Lunch**

**14.30 –  
15.30**

Presentation of the ICT EU-EECA Roadmap and of the map connecting ETPs research priorities with those of the EECA region in light of HORIZON 2020's Societal Challenges.

**Marat Biktimirov, eARENA, Russia**

Presentation of the INARMERA-ICT Pilot Projects Roadmap in light of HORIZON 2020's Science Excellence, Industrial Leadership, and Societal Challenges.

**Levon Aslanyan, IIAP, Armenia**

**15.30 –  
16.30**

Presentation of INARMERA-ICT example Pilot Projects:

**Hrachya Astsatryan, IIAP**

E-Infrastructures in Armenia Towards Horizon2020: Societal Challenges

**Gurgen Khachatryan, AUA**

Privacy preserving search and computations in clouds

**Arsen Arakelyan, IMB**

Data management and analysis issues of next generation DNA and RNA sequencing

**16.30 –  
17.00**

### **Coffee Break**

**17.00 –  
18.00**

Open discussion section regarding the validation of common research priorities and the identification of potential joint activities for future cooperation between the involved ETPs and the EECA region.

Speeches, PICTURE WG2 members, INARMERA-ICT and invited experts' proposals.

**Moderators: Marat Biktimirov, e-Arena, Russia**

**Vladimir Sahakyan, IIAP NAS RA, Armenia**

**Michele Dayde, IRIT, France**

**Janos Demetrovics, SzTAKI, Hungary**

**18.00 –  
18.30**

Conclusions & validation of the common research priorities and the joint activities