



# Session on e-Infrastructure Services

principles – characteristics – evolution – practical aspects

**e-IRG Workshop**

**13-14 October 2010, Brussels, Belgium**

**Chair:**

**Lajos Balint**

**NIIF/Hungarnet, Hungary**



[www.e-irg.eu](http://www.e-irg.eu)

# Objective

- **Overview of the wide range of e-Infrastructure services**
  - role, function, scope, methods
  - tools, features, evolution, perspectives
- **Special emphasis on some recent developments:**
  - widening coverage + increasing complexity
  - attempts of harmonisation
  - emergence of cloud techniques
  - widening of the exploitation
- **Major topics:**
  - role of networking in e-Infrastructures
  - varied services for fragmented user communities
  - optimising service portfolios
  - R&E user communities and beyond

# Presentations:

## Vasilis Maglaris:

**"e-Infrastructures as a Service - the Role of the NRENs and GÉANT"**

## David Wallom:

**"e-Infrastructure services - meeting diverse demands"**

## Martin Bech:

**"e-Infrastructure service portfolios - a systematic approach"**

## Imre Szeberenyi:

**"e-Infrastructure services for R&E and beyond"**

# Thematic overview:

- **Vasilis:**
  - The distinct role of networking in e-Infrastructures and in **serving** e-Science
  - FI cloud + federation + virtualisation aspects in **integrating & sharing** resources
- **David:**
  - The wide **variety of eRI services** (grid, HPC, storage, data, collaboration, VRC)
  - Delivery to **varied user communities**
- **Martin:**
  - **Classification** and characterisation of e-Infrastructure services
  - International **harmonisation** of service provision - a systematic approach
- **Imre:**
  - e-Infrastructure services for research and education – **SOA and virtualisation**
  - Offering similar services to communities **beyond the R&E sector**

# Conclusions (if any):

- **Foreseen output of the session:**
  - **Combined contributions (presentations and discussion)**
- **Summary of session outcomes / messages:**
  - **15:00 on 14.10.2010 (tomorrow afternoon Plenary)**
- **Making direct use of the session results (in 2011):**
  - **Input to the next edition of the e-IRG White Paper**
- **Later comments / suggestions welcome in advance:**
  - **Send them to <balint@niif.hu>**

# Overall feedback channel:

**e-IRG secretariat**

[www.e-irg.eu](http://www.e-irg.eu)

[www.e-irg.eu/support](http://www.e-irg.eu/support)

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**(Session notes are recorded by Panos  
– his efforts are thankfully acknowledged)**