

# **Federated identity system for scientific collaborations**

## **Report of Contributions**

Contribution ID: 0

Type: **not specified**

# Introduction

## Summary

**Presenter:** JONES, Bob (CERN)

Contribution ID: 1

Type: **not specified**

## Welcome

*Thursday, 9 June 2011 14:00 (10 minutes)*

### Summary

**Presenter:** HEMMER, Frederic (CERN)

**Session Classification:** user requirements

Contribution ID: 2

Type: **not specified**

## Introduction

*Thursday, 9 June 2011 14:10 (10 minutes)*

### Summary

**Presenter:** JONES, Bob (CERN)

**Session Classification:** user requirements

Contribution ID: 3

Type: **not specified**

## **European photon/neutron facilities**

*Thursday, 9 June 2011 14:20 (20 minutes)*

### **Summary**

**Presenter:** WEYER, Heinz J (PSI)

**Session Classification:** user requirements

Contribution ID: 4

Type: **not specified**

## CLARIN and the humanities

*Thursday, 9 June 2011 14:40 (20 minutes)*

The CLARIN project is one of the five Humanities Research Infrastructures on the ESFRI roadmap. In the preparatory phase solutions for AAI requirements were researched and implemented and are now used within the national CLARIN initiatives that have begun and are starting in the Netherlands, Germany, Denmark, Finland and several other European countries. A new European project "DASISH" is being started and will unite all the ESFRI Humanities RI projects in building a common AAI infrastructure based on experiences of CLARIN and the other project's preparatory phase findings

### Summary

**Presenter:** Mr BROEDER, Daan

**Session Classification:** user requirements

Contribution ID: 5

Type: **not specified**

## WLCG

*Thursday, 9 June 2011 15:00 (20 minutes)*

### Summary

**Presenter:** Mr WARTEL, Romain (CERN)

**Session Classification:** user requirements

Contribution ID: 6

Type: **not specified**

## **Earth Science (Climate)**

*Thursday, 9 June 2011 15:20 (20 minutes)*

### **Summary**

**Presenter:** KERSHAW, Philip (STFC)

**Session Classification:** user requirements



Contribution ID: 7

Type: **not specified**

## **EGI**

*Thursday, 9 June 2011 16:30 (15 minutes)*

### **Summary**

**Presenter:** NEWHOUSE, Steven

**Session Classification:** existing infrastructure

Contribution ID: 8

Type: **not specified**

## **CILogon: Federated Access to US CyberInfrastructure**

*Thursday, 9 June 2011 17:15 (15 minutes)*

### **Summary**

**Presenter:** Mr BASNEY, Jim (NCSA)

**Session Classification:** existing infrastructure

Contribution ID: 9

Type: **not specified**

## DEISA/PRACE

*Thursday, 9 June 2011 17:00 (15 minutes)*

Since 2004, the High-Performance Computing (HPC) community has organized itself in Europe through two major EU funded projects : DEISA (Distributed European Infrastructure for Supercomputing Applications, 2004-20011) and PRACE (Partnership for Advanced Computing in Europe) which started in 2008. The HPC ecosystem has been consolidated with the definition of a “pyramidal model” which clarifies the relations between the different actors. This work led to the creation in 2010 of PRACE-RI, a persistent pan-European infrastructure with its headquarter seated in Brussels and established as a non-profit association of European government representative organizations responsible for HPC.

Identity management has always been considered as a critical activity and it has been a constant goal to maintain a robust solution both secured and not discouraging for the end users. For this reason, technical teams have done their best to design and implement a robust and easy-to-use solution. The trust model adopted is based on X509 certificates and uses when possible the Single Sign-On (SSO) approach. A fine grained authorization system as well as a distributed accounting database are also included.

Even if the current model is fully operational, PRACE is investigating how it could evolve to integrate identity federation solutions. The main reason motivating this approach is a strong wish to enable interoperability with other international projects. Therefore, PRACE follows closely as part of its technology evaluation program the efforts carried out in this field. Following open standards based solutions is essential to reach interoperability, however there are also other criteria that must not be forgotten such as the identification of trustful credential providers, common understanding of the meaning of attributes and the compliance of applications with the solutions.

### Summary

**Presenter:** Mr RIBAILLIER, Vincent (IDRIS)

**Session Classification:** existing infrastructure

Contribution ID: **10**

Type: **not specified**

## **GEANT**

*Thursday, 9 June 2011 17:30 (15 minutes)*

### **Summary**

**Presenter:** Mr HOWLETT, Joshua (JANET)

**Session Classification:** existing infrastructure

Contribution ID: **11**

Type: **not specified**

## Terena Certificate Service

*Thursday, 9 June 2011 17:45 (15 minutes)*

### Summary

**Presenter:** GROEP, David (NIKHEF-Unknown-Unknown)

**Session Classification:** existing infrastructure

Contribution ID: 12

Type: **not specified**

## **International Grid Trust Federation**

*Friday, 10 June 2011 09:00 (15 minutes)*

### **Summary**

**Presenter:** GROEP, David (Nikhef)

**Session Classification:** policy

Contribution ID: 13

Type: **not specified**

## **SURFfederatie**

*Friday, 10 June 2011 09:15 (15 minutes)*

### **Summary**

**Presenters:** POOURTINGA, Remco (SURFnet); VAN WIJNEN (SURFnet)

**Session Classification:** policy

Contribution ID: 14

Type: **not specified**

## **UK Access Management Federation**

*Friday, 10 June 2011 09:30 (15 minutes)*

### **Summary**

**Presenter:** DOVEY, Matthew (JISC)

**Session Classification:** policy



Contribution ID: 15

Type: **not specified**

## **SWITCHaai: The Identity Federation of the Swiss Higher Education Sector**

*Friday, 10 June 2011 09:45 (15 minutes)*

### **Summary**

**Presenter:** WITZIG, Christoph (Eidgenössische Technische Hochschule Zurich/ETH (ETH))

**Session Classification:** policy

Contribution ID: 16

Type: **not specified**

## **Panel chaired by Stefan Lueders with Mike Helm, Dave Kelsey, Alan Sill and others**

*Friday, 10 June 2011 11:00 (1 hour)*

chair: Stefan Lueders  
Dave Kelsey  
Mike Helm  
Alan Sill  
others

### **Summary**

**Presenters:** SILL, Alan (Texas Tech University); Dr KELSEY, David (RAL); HELM, Mike (Science Identity Federation); OTHER PANELISTS TBC; Dr LUEDERS, Stefan (CERN)

**Session Classification:** towards a roadmap for a federated identity management system

Contribution ID: 17

Type: **not specified**

## Summary and Conclusions

*Friday, 10 June 2011 12:00 (30 minutes)*

The session chairmen will give brief summaries of the outcome of each session.

### Summary

**Presenters:** JONES, Bob (CERN); Mr WARTEL, Romain (CERN); BELL, Tim (CERN)

**Session Classification:** towards a roadmap for a federated identity management system

Contribution ID: 18

Type: **not specified**

## **Identity Management in Open Science Grid: Challenges, Needs, and Future Directions**

*Thursday, 9 June 2011 16:45 (15 minutes)*

### **Summary**

**Presenter:** ALTUNAY, Mine (FNAL)

**Session Classification:** existing infrastructure

Contribution ID: **19**

Type: **not specified**

## **EMI**

*Thursday, 9 June 2011 18:00 (20 minutes)*

### **Summary**

**Presenter:** WHITE, John White (Helsinki Institute of Physics HIP)

**Session Classification:** existing infrastructure

Contribution ID: 20

Type: **not specified**

## Operational Security

*Friday, 10 June 2011 10:00 (15 minutes)*

### Summary

**Presenter:** NIXON, Leif (NSC)

**Session Classification:** policy

Contribution ID: 21

Type: **not specified**

## **CERN's experience with federated Single Sign On**

*Friday, 10 June 2011 10:15 (15 minutes)*

### **Summary**

**Presenter:** ORMANCEY, Emmanuel (CERN)

**Session Classification:** policy

Contribution ID: 22

Type: **not specified**

## **Life Science (ELIXIR)**

*Thursday, 9 June 2011 15:40 (20 minutes)*

### **Summary**

**Presenter:** SARKANS, Ugis (EBI)

**Session Classification:** user requirements