

International Symposium on Grids and Clouds (ISGC) 2012

Report of Contributions

Contribution ID: 2

Type: **not specified**

Introduction to iRODS Technology (Discussion of Basic Capabilities)

Sunday, 26 February 2012 09:00 (1 hour)

Presenter: MOORE, Reagun (University of North Carolina at Chapel Hill, US)

Session Classification: iRODS Workshop

Contribution ID: 3

Type: **not specified**

Open Discussion with Workshop Participants on Their Data Management Needs

Sunday, 26 February 2012 10:00 (30 minutes)

Presenter: MOORE, Reagun (University of North Carolina at Chapel Hill, US)

Session Classification: iRODS Workshop

Contribution ID: 4

Type: **not specified**

The Quake-Catcher Network - A Social-cyber-seismic Network Enabled through Distributed Computing

Sunday, 26 February 2012 09:00 (45 minutes)

Presenter: LAWRENCE, Jesse (Stanford University, US)

Session Classification: Asia@home

Contribution ID: 5

Type: **not specified**

Toward a Taiwan School Seismic Network through QCN-Taiwan

Sunday, 26 February 2012 09:45 (45 minutes)

Presenter: LIANG, Wen-Tzong (Institute of Earth Sciences, Academia Sinica, TW)

Session Classification: Asia@home

Contribution ID: 6

Type: **not specified**

Installation of iRODS Clients on Participant Systems (Windows, Mac, Linux)

Sunday, 26 February 2012 11:00 (45 minutes)

Presenter: MOORE, Reagun (University of North Carolina at Chapel Hill, US)

Session Classification: iRODS Workshop

Contribution ID: 7

Type: **not specified**

Initial Demonstration of iRODS Client Access

Sunday, 26 February 2012 11:45 (45 minutes)

Presenter: MOORE, Reagun (University of North Carolina at Chapel Hill, US)

Session Classification: iRODS Workshop

Contribution ID: 8

Type: **not specified**

QCN: From Ground Motion to Real-time Hazards Products

Sunday, 26 February 2012 11:00 (45 minutes)

Presenter: LAWRENCE, Jesse (Stanford University, US)

Session Classification: Asia@home

Contribution ID: 9

Type: **not specified**

Development of Low-cost Seismometer (Palert) and Its Applications in Earthquake Early Warning

Sunday, 26 February 2012 11:45 (45 minutes)

Presenter: WU, Yih-Min (Department Geosciences, National Taiwan University, TW)

Session Classification: Asia@home

Contribution ID: **10**

Type: **not specified**

Introduction to iRODS Rules and Micro-services

Sunday, 26 February 2012 14:00 (45 minutes)

Presenter: MOORE, Reagun (University of North Carolina at Chapel Hill, US)

Session Classification: iRODS Workshop

Contribution ID: 11

Type: **not specified**

Demonstration of Federation of Data Grids

Sunday, 26 February 2012 14:45 (15 minutes)

Presenters: MOORE, Reagun (University of North Carolina at Chapel Hill, US); KAWAI, Yutaka (KEK, JP)

Session Classification: iRODS Workshop

Contribution ID: 12

Type: **not specified**

Simple Rule Examples Including Soft Links and Database Queries

Sunday, 26 February 2012 15:00 (30 minutes)

Presenter: MOORE, Reagun (University of North Carolina at Chapel Hill, US)

Session Classification: iRODS Workshop

Contribution ID: 13

Type: **not specified**

QCN's Rapid Aftershock Mobilization Program: What We've Learned

Sunday, 26 February 2012 13:30 (45 minutes)

Presenter: CHUNG, Angela (Stanford University, US)

Session Classification: Asia@home

Contribution ID: 14

Type: **not specified**

Hands-on Experience Session: Testing the Latest Generation of QCN Sensors led

Sunday, 26 February 2012 14:15 (45 minutes)

Presenters: CHUNG, Angela (Stanford University, US); LAWRENCE, Jesse (Stanford University, US)

Session Classification: Asia@home

Contribution ID: 15

Type: **not specified**

Complex Rule Examples Including Scheduling and Data Processing

Sunday, 26 February 2012 16:00 (30 minutes)

Presenter: MOORE, Reagun (University of North Carolina at Chapel Hill, US)

Session Classification: iRODS Workshop

Contribution ID: 16

Type: **not specified**

SRM - iRODS Interface Development

Sunday, 26 February 2012 16:30 (30 minutes)

Presenter: WU, Hsin-Wei (ASGC, TW)

Session Classification: iRODS Workshop

Contribution ID: 17

Type: **not specified**

Open Discussion of iRODS Applications in Digital Libraries, Data Grids, and Preservation Environments

Sunday, 26 February 2012 17:00 (30 minutes)

Presenter: MOORE, Reagun (University of North Carolina at Chapel Hill, US)

Session Classification: iRODS Workshop

Contribution ID: **18**

Type: **not specified**

The Future Plan of QCN in Asia Pacific

Sunday, 26 February 2012 15:30 (30 minutes)

Presenter: YEN, Eric (ASGC)

Session Classification: Asia@home

Contribution ID: 19

Type: **not specified**

The QCN of Tomorrow and What Will It Take?

Sunday, 26 February 2012 16:00 (45 minutes)

Presenter: LAWRENCE, Jesse (Stanford University, US)

Session Classification: Asia@home

Contribution ID: 20

Type: **not specified**

Deployment Planning Session: Establishing QCN in SE Asia

Sunday, 26 February 2012 16:45 (45 minutes)

Presenters: GREY, Francois (CERN); LIN, Simon C. (ASGC)

Session Classification: Asia@home

Contribution ID: 21

Type: **not specified**

CCC Sessions 1

Monday, 27 February 2012 09:00 (1h 30m)

Virtual Machines and Volunteer Computing: Experience from Test4Theory and Opportunities for Earthquake Science

Presenter: GONZALEZ, Daniel Lombraña (Citizen Cyberscience Centre, CERN, CH)

Session Classification: Asia@home

Contribution ID: 22

Type: **not specified**

CCC Session 2 Introduction to Jarifa: A System for Distributed Computing on Organizational Resources, Using BOINC; Hands-on Session, Q&A

Presenter: GONZALEZ, Daniel Lombraña (Citizen Cyberscience Centre, CERN, CH)

Session Classification: Asia@home

Contribution ID: 23

Type: **not specified**

CCC Session 2

Monday, 27 February 2012 11:00 (1h 30m)

Introduction to Jarifa: A System for Distributed Computing on Organizational Resources, Using BOINC; Hands-on Session, Q&A

Presenter: GONZALEZ, Daniel Lombraña (Citizen Cyberscience Centre, CERN, CH)

Session Classification: Asia@home

Contribution ID: 24

Type: **not specified**

IDGF Session 1

Monday, 27 February 2012 14:00 (1h 30m)

Short Introduction of IDGF and Its Services; Infrastructure with Bridged and Cloud Resources; Available Applications, Repositories and Science Gateways with Demos.

Presenters: HU, MTA SZTAKI; LOVAS, Robert

Session Classification: Asia@home

Contribution ID: 25

Type: **not specified**

IDGF Session 2

Monday, 27 February 2012 16:00 (1h 30m)

Roadmap for Universities and Academic Institutes; Case Studies Particularly from the Asia-Pacific Region; Q&A

Presenters: HU, MTA SZTAKI; LOVAS, Robert

Session Classification: Asia@home

Contribution ID: 26

Type: **not specified**

Session 1

Monday, 27 February 2012 09:00 (1h 30m)

Many organizations are starting to deploy cloud infrastructures to support the computational efforts of their research communities the same way that 20 years ago batch computing environments based around HPC or COTS clusters triggered the development of grid software to integrate these local clusters. This workshop will illustrate some of the current efforts to bring these private clouds together into a federated infrastructure available for systematic remote access.

Short Update Presentation (10-15 minutes each) from Cloud Activities from around the World
Relating it to European and Asia Pacific

Session Classification: Cloud Interoperability Workshop

Contribution ID: 27

Type: **not specified**

Session 2

Monday, 27 February 2012 11:00 (1h 30m)

Many organizations are starting to deploy cloud infrastructures to support the computational efforts of their research communities the same way that 20 years ago batch computing environments based around HPC or COTS clusters triggered the development of grid software to integrate these local clusters. This workshop will illustrate some of the current efforts to bring these private clouds together into a federated infrastructure available for systematic remote access.

Discussion around the Topic of:

- Software Available for Federating Private Clouds
- Standards Needed to Federate Private Clouds
- Infrastructure Platform Needed to Federate Private Clouds
- Policies Needed around Federating Private Clouds
- Issues and Next Steps for Resolving Them

(Morning Coffee Break on 10:30-11:00)

Session Classification: Cloud Interoperability Workshop

Contribution ID: 28

Type: **not specified**

Introduction to the Objectives of the FIM Workshop Series and Summary of the Work Performed To-date

Monday, 27 February 2012 14:00 (1h 30m)

- Presentation of the Draft FIM Paper and Discussion on Recommendations
- Feedback on the View of FIM and Recommendations from Asian Colleagues

Presenter: JONES, Robert (CERN, CH)

Session Classification: FIM Workshop

Contribution ID: 29

Type: **not specified**

Progress Report on eduGAIN Service Manager (Remote Presentation)

Monday, 27 February 2012 16:00 (30 minutes)

Presenter: NORDH, Valter (NORDUnet/ GU, SE)

Session Classification: FIM Workshop

Contribution ID: **30**

Type: **not specified**

Experience with REFEDS and eduGAIN

Monday, 27 February 2012 16:30 (30 minutes)

Presenter: BARBERA, Roberto (INFN, IT)

Session Classification: FIM Workshop

Contribution ID: 31

Type: **not specified**

Status Update on the Umbrella Project

Monday, 27 February 2012 17:00 (30 minutes)

Presenter: WEYER, Heinz J. (Paul Scherrer Institut, DE)

Session Classification: FIM Workshop

Contribution ID: 32

Type: **not specified**

Introduction to the WeNMR Project with Focus on the WeNMR Grid Infrastructure, the Virtual Research Community and the Services WeNMR Has to Offer

Monday, 27 February 2012 09:00 (30 minutes)

Session Classification: WeNMR Workshop

Contribution ID: 33

Type: **not specified**

Introduction to the Workshop "Practical Use of the WeNMR Services

Monday, 27 February 2012 09:30 (30 minutes)

Predicting the Structure of A Protein-DNA Complex" Preparing the Participants Systems for the Workshop and Launching the First Protein-DNA Docking Using the HADDOCK Web Server for Macromolecular Docking

Session Classification: WeNMR Workshop

Contribution ID: 34

Type: **not specified**

Preparing A DNA Structural Models for Docking Using the 3D-DART Web Server

Monday, 27 February 2012 11:00 (45 minutes)

Session Classification: WeNMR Workshop

Contribution ID: 35

Type: **not specified**

Preparing Ambiguous Interaction Restraints to Drive the Docking

Monday, 27 February 2012 11:45 (45 minutes)

Session Classification: WeNMR Workshop

Contribution ID: 36

Type: **not specified**

Analysis of the Docking Results of the First HADDOCK Docking Run Launched in the Morning

Monday, 27 February 2012 14:00 (1 hour)

Session Classification: WeNMR Workshop

Contribution ID: 37

Type: **not specified**

Preparing New DNA Structural Modals Based on the Analysis Data

Monday, 27 February 2012 15:00 (30 minutes)

Session Classification: WeNMR Workshop

Contribution ID: **38**

Type: **not specified**

Launching the Second Protein-DNA Docking Run

Monday, 27 February 2012 16:00 (30 minutes)

Session Classification: WeNMR Workshop

Contribution ID: 39

Type: **not specified**

Opening Discussion on the Docking Results, the Use of HADDOCK and WeNMR in General

Monday, 27 February 2012 16:30 (1 hour)

Session Classification: WeNMR Workshop

Contribution ID: 40

Type: **not specified**

Session 1 - Status and Plans of Sustainability

Monday, 27 February 2012 09:00 (1h 30m)

- CHAIN Sustainability Guidelines
- CLARA/GISELA and LA
- Asia Pacific Issues on Sustainability
- Discussion

Session Classification: CHAIN Workshop

Contribution ID: 41

Type: **not specified**

Session 1 - Status and Plans of Sustainability

Monday, 27 February 2012 11:00 (1h 30m)

- CHAIN Sustainability Guidelines
- CLARA/GISELA and LA
- Asia Pacific Issues on Sustainability
- Discussion

Session Classification: CHAIN Workshop

Contribution ID: 42

Type: **not specified**

Session 2 – Status and Plans of Interoperability

Monday, 27 February 2012 14:00 (1h 30m)

- Current Status and Plans of EGI, GARUDA, CNGrid, OSG, OurGrid
- Development and Uptake of Standards for Interoperability: OGF/GIN, EMI, SAGA, etc.
- Science Gateways and Authentication & Authorisation Infrastructures
- Candidate VRCs for A World-wide Demonstration
- Discussion and Outlook

Session Classification: CHAIN Workshop

Contribution ID: 43

Type: **not specified**

Session 2 – Status and Plans of Interoperability

Monday, 27 February 2012 16:00 (1h 30m)

- Current Status and Plans of EGI, GARUDA, CNGrid, OSG, OurGrid
- Development and Uptake of Standards for Interoperability: OGF/GIN, EMI, SAGA, etc.
- Science Gateways and Authentication & Authorisation Infrastructures
- Candidate VRCs for A World-wide Demonstration
- Discussion and Outlook

Session Classification: CHAIN Workshop

Contribution ID: 44

Type: **not specified**

Opening Ceremony

Tuesday, 28 February 2012 09:00 (30 minutes)

Presenters: LIN, Simon C. (ASGC); NEWHOUSE, Steven (EGI.eu, NL)

Session Classification: Opening Ceremony & Opening Speeches

Contribution ID: 45

Type: **not specified**

Opening Speeches: Retrospective on ISGC over the Last Decade

Tuesday, 28 February 2012 09:30 (15 minutes)

Presenter: JONES, Robert (CERN, CH)

Session Classification: Opening Ceremony & Opening Speeches

Contribution ID: 46

Type: **not specified**

Opening Speeches:Overview of Current Activities in Europe

Tuesday, 28 February 2012 09:45 (15 minutes)

Presenter: NEWHOUSE, Steven (EGL.eu, NL)

Session Classification: Opening Ceremony & Opening Speeches

Contribution ID: 47

Type: **not specified**

Opening Speeches: Overview of Current Activities in the USA

Tuesday, 28 February 2012 10:00 (15 minutes)

Presenter: WHITE, Victoria (Fermilab, US)

Session Classification: Opening Ceremony & Opening Speeches

Contribution ID: 48

Type: **not specified**

Opening Speeches:Overview of Current Activities in Asia Pacific

Tuesday, 28 February 2012 10:15 (15 minutes)

Presenter: LIN, Simon C. (ASGC)

Session Classification: Opening Ceremony & Opening Speeches

Contribution ID: 49

Type: **not specified**

e-Science Activities in Taiwan

Tuesday, 28 February 2012 11:30 (20 minutes)

Presenters: YEN, Eric (ASGC); LIN, Simon C. (ASGC)

Session Classification: e-Science Activities in Asia Pacific

Contribution ID: 50

Type: **not specified**

RENKEI: Middleware Enabling Resource Federation for e-Science

Tuesday, 28 February 2012 11:50 (20 minutes)

Presenter: AIDA, Kento (National Institute of Informatics)

Session Classification: e-Science Activities in Asia Pacific

Contribution ID: 51

Type: **not specified**

e-Science Activities in India

Tuesday, 28 February 2012 12:10 (20 minutes)

Presenter: LAVETI, Ramesh Naidu (C-DAC)

Session Classification: e-Science Activities in Asia Pacific

Contribution ID: 52

Type: **not specified**

MYRENCLOUD: Enhancing E-Science Research Activities in Malaysia

Tuesday, 28 February 2012 12:30 (30 minutes)

Presenter: NAPIS, Suhaimi (Universiti Putra Malaysia)

Session Classification: e-Science Activities in Asia Pacific

Contribution ID: 53

Type: **not specified**

The CMS Online Cluster: Setup, Operation and Maintenance of an Evolving Cluster

Tuesday, 28 February 2012 14:00 (20 minutes)

Presenter: COARASA, Jose Antonio (CERN, CH)

Session Classification: Operation & Management

Contribution ID: 54

Type: **not specified**

Live Process Migration for Load Balancing and/or Fault Tolerance

Tuesday, 28 February 2012 14:20 (20 minutes)

Presenter: REBER, Adrian (Hochschule Esslingen - University of Applied Sciences, DE)

Session Classification: Operation & Management

Contribution ID: 55

Type: **not specified**

Peta-scale Data Management System Building Block for DCI

Tuesday, 28 February 2012 14:40 (25 minutes)

Presenter: LAI, Ookey (ASGC, TW)

Session Classification: Operation & Management

Contribution ID: 56

Type: **not specified**

Integrated Support for DCIs, Technology Providers and User Communities - Processes and Tools

Tuesday, 28 February 2012 15:05 (25 minutes)

Presenter: ANTONI, Torsten (KIT, DE)

Session Classification: Operation & Management

Contribution ID: 57

Type: **not specified**

Definition of Seismic and Tsunami Hazard Scenarios by Exploiting EU-IndiaGrid e-Infrastructures

Tuesday, 28 February 2012 14:00 (20 minutes)

Presenter: PERESAN, Antonella (Department of Geosciences, University of Trieste, IT)

Session Classification: Earth Sciences, Environmental Changes & Disaster Mitigation

Contribution ID: 58

Type: **not specified**

The Current Status of Earthquake and Tsunami Monitoring Systems in the Philippines

Tuesday, 28 February 2012 14:20 (20 minutes)

Presenter: BAUTISTA, Bart (PHIVOLCS, PH)

Session Classification: Earth Sciences, Environmental Changes & Disaster Mitigation

Contribution ID: 59

Type: **not specified**

Porting the WRF Model to EumedGrid and Simulation of Air Quality in Urban Zones

Tuesday, 28 February 2012 14:40 (20 minutes)

Presenter: AMRANI, Chaker EL (Abdelmalek Essaadi University, MA)

Session Classification: Earth Sciences, Environmental Changes & Disaster Mitigation

Contribution ID: **60**

Type: **not specified**

WRF Weather Simulation on Grid

Tuesday, 28 February 2012 15:00 (30 minutes)

Presenter: SUN, Yun-Pin (ASGC, TW)

Session Classification: Earth Sciences, Environmental Changes & Disaster Mitigation

Contribution ID: **61**

Type: **not specified**

FermiGrid and FermiCloud Update

Tuesday, 28 February 2012 16:00 (20 minutes)

Presenter: CHADWICK, Keith (Fermilab, US)

Session Classification: Cloud Operation & Management (Part of Operations & Management Track)

Contribution ID: 62

Type: **not specified**

The Design of Fault Management Framework for Green Cloud

Tuesday, 28 February 2012 16:20 (20 minutes)

Presenter: CHALERMARREWONG, Thanyalak (King Mongkut's University of Technology Thonburi, TH)

Session Classification: Cloud Operation & Management (Part of Operations & Management Track)

Contribution ID: 63

Type: **not specified**

Grids and Clouds of GSDC

Tuesday, 28 February 2012 16:40 (20 minutes)

Presenter: KIM, Beob Kyun (KISTI, KR)

Session Classification: Cloud Operation & Management (Part of Operations & Management Track)

Contribution ID: 64

Type: **not specified**

Grid/Cloud the Resource Federation

Tuesday, 28 February 2012 17:00 (30 minutes)

Presenter: LEE, Felix (ASGC, TW)

Session Classification: Cloud Operation & Management (Part of Operations & Management Track)

Contribution ID: 65

Type: **not specified**

Seasonal Forecast Modeling Application on the GARUDA Grid Infrastructure

Tuesday, 28 February 2012 16:00 (20 minutes)

Presenter: LAVETI, Ramesh Naidu (C-DAC)

Session Classification: Earth Sciences, Environmental Changes & Disaster Mitigation

Contribution ID: 66

Type: **not specified**

The HSP, the QCN, and the Dragon: Developing Inquiry-based QCN Instructional Modules in Taiwan

Tuesday, 28 February 2012 16:20 (20 minutes)

Presenter: CHEN, Kate Huihsuan (National Taiwan Normal University, TW)

Session Classification: Earth Sciences, Environmental Changes & Disaster Mitigation

Contribution ID: 67

Type: **not specified**

Panel Discussion

Tuesday, 28 February 2012 17:00 (30 minutes)

Presenter: LIN, Simon C. (ASGC)

Session Classification: Earth Sciences, Environmental Changes & Disaster Mitigation

Contribution ID: **68**

Type: **not specified**

No Title

Tuesday, 28 February 2012 16:40 (20 minutes)

Presenter: LAWRENCE, Jesse (Stanford University, US)

Session Classification: Earth Sciences, Environmental Changes & Disaster Mitigation

Contribution ID: 69

Type: **not specified**

WeNMR: Bringing Grid (and Cloud) Computing to a Worldwide Structural Biology Community

Wednesday, 29 February 2012 09:00 (45 minutes)

Presenter: BONVIN, Alexandre M.J.J. (Utrecht University)

Session Classification: Keynote Speech

Contribution ID: 70

Type: **not specified**

Understanding the Planetary Life Support System: Next Generation Science in the Ocean Basins

Wednesday, 29 February 2012 09:45 (30 minutes)

Presenter: DELANEY, John R. (University of Washington, US)

Session Classification: Keynote Speech

Contribution ID: 71

Type: **not specified**

e-Science Activities in China

Wednesday, 29 February 2012 11:00 (30 minutes)

Presenter: CHEN, Gang (Institute Of High Energy Physics)

Session Classification: e-Science Activities in Asia Pacific

Contribution ID: 72

Type: **not specified**

Progress Report on Thailand e-Science Infrastructure Consortium

Wednesday, 29 February 2012 11:30 (30 minutes)

Presenter: SRICHAIKUL, Piyawut (NECTEC, TH)

Session Classification: e-Science Activities in Asia Pacific

Contribution ID: 73

Type: **not specified**

Support e-Science Activities in Indonesia

Wednesday, 29 February 2012 12:00 (15 minutes)

Presenter: SUHARDIMAN, basuk (itb)

Session Classification: e-Science Activities in Asia Pacific

Contribution ID: 74

Type: **not specified**

Status of e-Science Activities in Mongolia

Wednesday, 29 February 2012 12:15 (15 minutes)

Presenter: BAASAN, Nergui (Mongolian Academy of Sciences, MN)

Session Classification: e-Science Activities in Asia Pacific

Contribution ID: 75

Type: **not specified**

Bootstrapping IaaS and PaaS Security

Wednesday, 29 February 2012 14:00 (30 minutes)

Presenter: JENSEN, Jens (STFC RAL, UK)

Session Classification: Cloud Security

Contribution ID: 76

Type: **not specified**

Remote Attestations in Cloud Computing: Model and Implementation

Wednesday, 29 February 2012 14:30 (30 minutes)

Presenter: RUAN, Anbang (University of Oxford, UK)

Session Classification: Cloud Security

Contribution ID: 77

Type: **not specified**

User Centric Identity for Grids and Clouds

Wednesday, 29 February 2012 15:00 (15 minutes)

Presenter: MATYSKA, Ludek (CESNET)

Session Classification: Cloud Security

Contribution ID: 78

Type: **not specified**

Cloud Computing Security Risks and Best Defenses

Wednesday, 29 February 2012 15:15 (15 minutes)

Presenter: JENG, Albert B. (National Taiwan University, TW)

Session Classification: Cloud Security

Contribution ID: 79

Type: **not specified**

Drug Design for KEGG Pathways with Answer Set Programming

Wednesday, 29 February 2012 14:00 (30 minutes)

Presenter: SEIPEL, Dietmar (University of Würzburg, DE)

Session Classification: Biomedicine & Life Sciences Applications

Contribution ID: **80**

Type: **not specified**

Applications of Particle Therapy Simulation on GRID Environments

Wednesday, 29 February 2012 14:30 (30 minutes)

Presenter: ASO, Tsukasa (Toyama National College of Technology, JP)

Session Classification: Biomedicine & Life Sciences Applications

Contribution ID: **81**

Type: **not specified**

GVSS Portal: A Fully Functional High throughput Screening Web-based Service

Wednesday, 29 February 2012 15:00 (30 minutes)

Presenter: WANG, Hsi-Kai (ASGC, TW)

Session Classification: Biomedicine & Life Sciences Applications

Contribution ID: **82**

Type: **not specified**

Universal Grid User Interface (UGI) for Multiple Grids and Clouds

Wednesday, 29 February 2012 14:00 (30 minutes)

Presenter: KAWAI, Yutaka (KEK, JP)

Session Classification: Middleware & Interoperability

Contribution ID: 83

Type: **not specified**

Abriding Scientific Communities Integration with a General Purpose Grid and Cloud Portal

Wednesday, 29 February 2012 14:30 (30 minutes)

Presenter: CESINI, Daniele (INFN-CNAF)

Session Classification: Middleware & Interoperability

Contribution ID: 84

Type: **not specified**

Discovering Infrastructure Services with EMI Registry (EMIR)

Wednesday, 29 February 2012 15:00 (15 minutes)

Presenter: MEMON, Shiraz (Forschungszentrum Jülich GmbH, DE)

Session Classification: Middleware & Interoperability

Contribution ID: 85

Type: **not specified**

Multi-Grid Job Scheduling

Wednesday, 29 February 2012 15:15 (15 minutes)

Presenter: RIEGER, Klaus (ARI-ZAH, University of Heidelberg, DE)

Session Classification: Middleware & Interoperability

Contribution ID: **86**

Type: **not specified**

OpenScience: An Open Software and Social Network for Science

Wednesday, 29 February 2012 16:00 (18 minutes)

Presenter: MEGLIO, Alberto DI (CERN, CH)

Session Classification: Business Models & Sustainability

Contribution ID: 87

Type: **not specified**

Sustainability Models for Volunteer Cloud Computing

Wednesday, 29 February 2012 16:18 (18 minutes)

Presenter: GREY, Francois (CERN)

Session Classification: Business Models & Sustainability

Contribution ID: 88

Type: **not specified**

A Business Model Approach for a Sustainable Grid Infrastructure in Germany

Wednesday, 29 February 2012 16:36 (18 minutes)

Presenter: ANTONI, Torsten (KIT, DE)

Session Classification: Business Models & Sustainability

Contribution ID: 89

Type: **not specified**

A Sustainable Future is in the Hands of RedCLARA and the Latin American NREs

Wednesday, 29 February 2012 16:54 (18 minutes)

Presenter: BARBERA, Roberto (INFN, IT)

Session Classification: Business Models & Sustainability

Contribution ID: 90

Type: **not specified**

Mediation Effect of Knowledge Management in the Relationship between Technology and Organizational Effectiveness – an Empirical Study of Mongolian Academy of Sciences

Wednesday, 29 February 2012 17:12 (18 minutes)

Presenter: DORJGOTOV, Battogtokh (Mongolian Academy of Sciences, MN)

Session Classification: Business Models & Sustainability

Contribution ID: 91

Type: **not specified**

On the Performance Enhancement of WISDOM Production Environment

Wednesday, 29 February 2012 16:00 (30 minutes)

Presenter: QUANG, Bui THE (Institut de la Francophonie pour l'Informatique, VN)

Session Classification: Biomedicine & Life Sciences Applications

Contribution ID: 92

Type: **not specified**

Multiscale Simulations of Complex Materials Basing on UNICORE Workflows

Wednesday, 29 February 2012 16:30 (30 minutes)

Presenter: BOZIC, Stefan (KIT, DE)

Session Classification: Biomedicine & Life Sciences Applications

Contribution ID: 93

Type: **not specified**

Cloud Computing for Medical Research and Healthcare

Wednesday, 29 February 2012 17:00 (30 minutes)

Presenter: LI, Yu-Chuan (Taipei Medical University, TW)

Session Classification: Biomedicine & Life Sciences Applications

Contribution ID: 94

Type: **not specified**

Status of the Adoption of a SAML-XACML Profile for Authorization Interoperability across Grid Middleware

Wednesday, 29 February 2012 16:00 (30 minutes)

Presenter: CHADWICK, Keith (Fermilab, US)

Session Classification: Standards Adoption (Part of the Middleware & Interoperability Track)

Contribution ID: 95

Type: **not specified**

Transparent Collaboration of GridRPC Middleware Using the OGF Standardized GridRPC Data Management API

Wednesday, 29 February 2012 16:30 (30 minutes)

Presenter: CANIOU, Yves (University of Lyon, INRIA, CNRS, FR)

Session Classification: Standards Adoption (Part of the Middleware & Interoperability Track)

Contribution ID: 96

Type: **not specified**

EGI Federated Clouds: Standards Adoption Roadmap

Wednesday, 29 February 2012 17:00 (30 minutes)

Presenter: DRESCHER, Michel (EGI.eu, NL)

Session Classification: Standards Adoption (Part of the Middleware & Interoperability Track)

Contribution ID: 97

Type: **not specified**

Extreme Data-Intensive Scientific Computing

Thursday, 1 March 2012 09:00 (45 minutes)

Presenter: SZALAY, Alexander S. (Johns Hopkins University, US)

Session Classification: Keynote Speech

Contribution ID: 98

Type: **not specified**

Petascale Computing on Tsubame 2.0 towards the National High Performance Computing Infrastructure (HPCI) in Japan

Thursday, 1 March 2012 09:45 (45 minutes)

Presenter: MATSUOKA, Satoshi (Tokyo Institute of Technology, JP)

Session Classification: Keynote Speech

Contribution ID: 99

Type: **not specified**

e-Science Activities in Australia

Thursday, 1 March 2012 11:00 (18 minutes)

Presenter: MOLONEY, Glenn (University of Melbourne, NeCTAR, AU)

Session Classification: e-Science Activities in Asia Pacific

Contribution ID: **100**

Type: **not specified**

e-Science Activities in KISTI/Korea

Thursday, 1 March 2012 11:18 (18 minutes)

Presenter: HWANG, Soonwook (Korea Institute of Science and Technology Information)

Session Classification: e-Science Activities in Asia Pacific

Contribution ID: **101**

Type: **not specified**

e-Science Activities in Philippines

Thursday, 1 March 2012 11:36 (18 minutes)

Presenters: VILLORENTE, Denis F. (ASTI, PH); BANZON, Peter Antonio (ASTI, PH)

Session Classification: e-Science Activities in Asia Pacific

Contribution ID: **102**

Type: **not specified**

News on Grids and Cloud Activities in Vietnam

Thursday, 1 March 2012 11:54 (18 minutes)

Presenter: NGUYEN, Hong-Quang (IFI, VN)

Session Classification: e-Science Activities in Asia Pacific

Contribution ID: **103**

Type: **not specified**

e-Science Activities in NUS/ Singapore

Thursday, 1 March 2012 12:12 (18 minutes)

Presenter: TAN, Tin Wee (National Supercomputing Centre)

Session Classification: e-Science Activities in Asia Pacific

Contribution ID: **104**

Type: **not specified**

EMI Security Directions

Thursday, 1 March 2012 14:00 (30 minutes)

Presenter: WHITE, John (NeIC)

Session Classification: Security Middleware (Part of the Security & Networking Track)

Contribution ID: **105**

Type: **not specified**

Security Token Service - Transforming the Existing User Credentials for the Grid

Thursday, 1 March 2012 14:30 (30 minutes)

Presenter: MIKKONEN, Henri (Helsinki Institute of Physics, FI)

Session Classification: Security Middleware (Part of the Security & Networking Track)

Contribution ID: **106**

Type: **not specified**

A Grid Security Architecture for AliEn

Thursday, 1 March 2012 15:00 (15 minutes)

Presenter: SCHREINER, Steffen (CERN, CH)

Session Classification: Security Middleware (Part of the Security & Networking Track)

Contribution ID: **107**

Type: **not specified**

The Grid Goes "Social": Extending Authentication to Members of Social Networks

Thursday, 1 March 2012 15:15 (15 minutes)

Presenter: ROTONDO, Riccardo (GARR, IT)

Session Classification: Security Middleware (Part of the Security & Networking Track)

Contribution ID: **108**

Type: **not specified**

Investigation of Storage Systems for Use in Grid Applications

Thursday, 1 March 2012 14:00 (30 minutes)

Presenter: CHADWICK, Keith (Fermilab, US)

Session Classification: Data Management

Contribution ID: **109**

Type: **not specified**

EMI, the Second Year

Thursday, 1 March 2012 14:30 (30 minutes)

Presenter: FUHRMANN, Patrick (DESY/dCache.org)

Session Classification: Data Management

Contribution ID: **110**

Type: **not specified**

dCache, Agile Adoption of Storage Technology

Thursday, 1 March 2012 15:00 (15 minutes)

Presenter: MILLAR, Paul (DESY)

Session Classification: Data Management

Contribution ID: 111

Type: **not specified**

A Novel Data Analysis Service Oriented Architecture Using R Statistics Engine

Thursday, 1 March 2012 15:15 (15 minutes)

Presenter: LEE, Rich (National Taipei University of Technology)

Session Classification: Data Management

Contribution ID: 112

Type: **not specified**

HTC Job Processing on Spot Instances

Thursday, 1 March 2012 14:00 (30 minutes)

Presenter: YEOM, Heon Y. (Seoul National University, KR)

Session Classification: High Throughput Computing

Contribution ID: 113

Type: **not specified**

DIRAC Project for Managing Distributed Computing Resources

Thursday, 1 March 2012 14:30 (30 minutes)

Presenter: TSAREGORODTSEV, Andrei (CPPM-IN2P3-CNRS)

Session Classification: High Throughput Computing

Contribution ID: 114

Type: **not specified**

Experience with the ADCoS

Thursday, 1 March 2012 15:00 (15 minutes)

Presenter: HOU, Suen (Institute of Physics, Academia Sinica, TW)

Session Classification: High Throughput Computing

Contribution ID: 115

Type: **not specified**

HTCaaS(HTC as a Service): A Large-scale HTC Problem Solving Environment Using Distributed and Heterogeneous Infrastructures

Thursday, 1 March 2012 15:15 (15 minutes)

Presenter: KIM, Seokkyoo (KISTI, KR)

Session Classification: High Throughput Computing

Contribution ID: 116

Type: **not specified**

From IPv4 to Eternity - the HEPiX IPv6 Working Group

Thursday, 1 March 2012 16:00 (30 minutes)

Presenter: KELSEY, David (STFC-RAL)

Session Classification: Security & Networking

Contribution ID: 117

Type: **not specified**

IPv6 Deployment in Tier2 Site in FZU in Prague

Thursday, 1 March 2012 16:30 (30 minutes)

Presenter: ELIAS, Marek (Institute of Physics AS CR, v. v. i. (FZU), CZ)

Session Classification: Security & Networking

Contribution ID: **118**

Type: **not specified**

EGI Security Monitoring

Thursday, 1 March 2012 17:00 (15 minutes)

Presenter: MA, Mingchao (STFC-RAL, UK)

Session Classification: Security & Networking

Contribution ID: **119**

Type: **not specified**

Identity Management in Open Science Grid

Thursday, 1 March 2012 17:15 (15 minutes)

Presenter: CHADWICK, Keith (Fermilab, US)

Session Classification: Security & Networking

Contribution ID: 120

Type: **not specified**

A Data Engine for Grid Science Gateways Enabling Easy Transfer and Data Sharing

Thursday, 1 March 2012 16:00 (30 minutes)

Presenter: ROTONDO, Riccardo (GARR, IT)

Session Classification: Data Management

Contribution ID: 121

Type: **not specified**

The Application on Distributed Database for Massive Sensor Data – A Case Study on SELENE(Kaguya) Spectral Profiler Data

Thursday, 1 March 2012 16:30 (30 minutes)

Presenter: KU, Wen-yuan (Feng Chia University, TW)

Session Classification: Data Management

Contribution ID: 122

Type: **not specified**

Performance and Stability of the Chelonia Storage System

Thursday, 1 March 2012 17:00 (15 minutes)

Presenter: TOOR, Salman Zubair (Uppsala University, SE)

Session Classification: Data Management

Contribution ID: 123

Type: **not specified**

The Storage Application and Development Based on iRODS

Thursday, 1 March 2012 17:15 (15 minutes)

Presenter: WU, Hsin-Wei (ASGC, TW)

Session Classification: Data Management

Contribution ID: 124

Type: **not specified**

Supermassive Black Hole Binaries in High Performance Massively Parallel Direct N-body Simulations on Large GPU Clusters

Thursday, 1 March 2012 16:00 (30 minutes)

Presenter: SPURZEM, Rainer (Chinese Academy of Sciences, CN)

Session Classification: High Performance, Manycore & GPU Computing

Contribution ID: 125

Type: **not specified**

Programming the Next Generation GPGPU

Thursday, 1 March 2012 16:30 (30 minutes)

Presenter: SEE, Simon (Nanyang Tech Univ and Shanghai Jiaotong Univ., SG)

Session Classification: High Performance, Manycore & GPU Computing

Contribution ID: 126

Type: **not specified**

Automotive Grid Malaysia Experience

Thursday, 1 March 2012 17:00 (15 minutes)

Presenter: HASAN, Saliza (MIMOS, MY)

Session Classification: High Performance, Manycore & GPU Computing

Contribution ID: 127

Type: **not specified**

Python for Grid-, Cloud-, and High-Performance-Computing

Thursday, 1 March 2012 17:15 (15 minutes)

Presenter: SCHREIBER, Andreas (German Aerospace Center)

Session Classification: High Performance, Manycore & GPU Computing

Contribution ID: 128

Type: **not specified**

EGI Federated Cloud Infrastructure

Friday, 2 March 2012 09:00 (30 minutes)

Presenter: DRESCHER, Michel (EGI.eu, NL)

Session Classification: Infrastructure Cloud & Virtualisation

Contribution ID: 129

Type: **not specified**

Virtualization Infrastructure for Developing and Testing Grid Middleware at CERN

Friday, 2 March 2012 09:30 (30 minutes)

Presenter: AIMAR, Alberto (CERN, CH)

Session Classification: Infrastructure Cloud & Virtualisation

Contribution ID: 130

Type: **not specified**

vcluster: A Framework for Auto Scalable Virtual Cluster System in Heterogeneous Clouds

Friday, 2 March 2012 10:00 (15 minutes)

Presenter: NOH, Seo-Young (KISTI, KR)

Session Classification: Infrastructure Cloud & Virtualisation

Contribution ID: 131

Type: **not specified**

The CONTRAIL Approach to Cloud Federations

Friday, 2 March 2012 10:15 (15 minutes)

Presenter: JENSEN, Jens (STFC RAL, UK)

Session Classification: Infrastructure Cloud & Virtualisation

Contribution ID: 132

Type: **not specified**

Constant Monitoring of Multi-site Network Connectivity at the Tokyo Tier2 Center

Friday, 2 March 2012 09:00 (30 minutes)

Presenter: NAKAMURA, Tomoaki (KEK)

Session Classification: HEP Applications

Contribution ID: 133

Type: **not specified**

Evolution of the ATLAS Data and Computing Model for a Tier2 in the EGI Infrastructure

Friday, 2 March 2012 09:30 (30 minutes)

Presenter: ÁLVARO, Fernández Casaní (IFIC (CSIC/UV), ES)

Session Classification: HEP Applications

Contribution ID: 134

Type: **not specified**

Need for the 3-Tiers Data Structure at A Site

Friday, 2 March 2012 10:00 (30 minutes)

Presenter: OZEROV, Dmitry (DESY, DE)

Session Classification: HEP Applications

Contribution ID: 135

Type: **not specified**

Volunteer Cloud Computing

Friday, 2 March 2012 09:00 (30 minutes)

Presenter: GONZALEZ, Daniel Lombraña (Citizen Cyberscience Centre, CERN, CH)

Session Classification: Distributed Volunteer & Desktop Grid Computing

Contribution ID: 136

Type: **not specified**

Experiences with the University of Westminster Desktop Grid

Friday, 2 March 2012 09:30 (30 minutes)

Presenter: WINTER, Stephen (University of Westminster, UK)

Session Classification: Distributed Volunteer & Desktop Grid Computing

Contribution ID: 137

Type: **not specified**

One Year of International Desktop Grid Federation

Friday, 2 March 2012 10:00 (30 minutes)

Presenter: EMMEN, Ad (IDGF/ AlmereGrid, NL)

Session Classification: Distributed Volunteer & Desktop Grid Computing

Contribution ID: 138

Type: **not specified**

A Tool for Collaborative Rule-Based Morpheme Annotation

Friday, 2 March 2012 11:00 (30 minutes)

Presenter: SEIPEL, Dietmar (University of Würzburg, DE)

Session Classification: Humanities & Social Sciences Applications

Contribution ID: 139

Type: **not specified**

Memory Effect on the Voter Model as Non-equilibrium Statistical Systems

Friday, 2 March 2012 11:30 (30 minutes)

Presenter: LIN, Chai-Yu (National Chung Cheng University, TW)

Session Classification: Humanities & Social Sciences Applications

Contribution ID: 140

Type: **not specified**

Crossing the Digital Divide through Dissemination

Friday, 2 March 2012 12:00 (30 minutes)

Presenter: GATER, Catherine (EGL.eu, NL)

Session Classification: Humanities & Social Sciences Applications

Contribution ID: 141

Type: **not specified**

ATLAS Distributed Computing Operations in the First Two Years of Data Taking

Friday, 2 March 2012 11:00 (30 minutes)

Presenter: UEDA, Ikuo (ICEPP, University of Tokyo, JP)

Session Classification: HEP Applications

Contribution ID: 142

Type: **not specified**

Computing at Belle II

Friday, 2 March 2012 11:30 (30 minutes)

Presenter: HARA, Takanori (High Energy Accelerator Research Organization (KEK))

Session Classification: HEP Applications

Contribution ID: 143

Type: **not specified**

Use of the Virtualized HPC Infrastructure of Novosibirsk Scientific Center for Running Production Analysis for HEP Experiments at BINP

Friday, 2 March 2012 12:00 (30 minutes)

Presenter: SUKHAREV, Andrey (Budker Institute of Nuclear Physics, RU)

Session Classification: HEP Applications

Contribution ID: 144

Type: **not specified**

DC at Putra : An Experience in Integrating Desktop and Service Grid in Campus Grid Environment at University Putra Malaysia

Friday, 2 March 2012 11:00 (30 minutes)

Presenter: SJAUGI, Muhammad Farhan (NVG Scientific Sdn Bhd, SG)

Session Classification: Distributed Volunteer & Desktop Grid Computing

Contribution ID: 145

Type: **not specified**

A Push-Based Desktop Grid System for Connect6 Applications

Friday, 2 March 2012 11:30 (30 minutes)

Presenter: HSIEH, Chih-Wei (National Chiao Tung University, TW)

Session Classification: Distributed Volunteer & Desktop Grid Computing

Contribution ID: 146

Type: **not specified**

Status of Grids and Clouds in ITB 2011

Friday, 2 March 2012 12:00 (30 minutes)

Presenter: SUHARDIMAN, basuk (itb)

Session Classification: Distributed Volunteer & Desktop Grid Computing

Contribution ID: 147

Type: **not specified**

Towards an Execution Model for HPC Clouds

Friday, 2 March 2012 12:30 (45 minutes)

Presenter: STERLING, Thomas (Indiana University, US)

Session Classification: Keynote Speech