

# **International Symposium on Grids & Clouds (ISGC) 2013**

## **Report of Contributions**

Contribution ID: 1

Type: **not specified**

**TBA**

*Tuesday, March 19, 2013 9:00 AM (55 minutes)*

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

**Session Classification:** Opening Ceremony

Contribution ID: 2

Type: **not specified**

**TBA**

*Tuesday, March 19, 2013 9:55 AM (55 minutes)*

**Presenter:** KATZ, Daniel (University of Illinois)

**Session Classification:** Opening Ceremony

Contribution ID: 3

Type: **not specified**

## **First tutorial on UNIO / Xplor-NIH**

*Tuesday, March 19, 2013 11:10 AM (1h 50m)*

**Session Classification:** WeNMR Workshop

Contribution ID: 4

Type: **not specified**

## **e-Science Activities in Taiwan**

*Tuesday, March 19, 2013 11:10 AM (30 minutes)*

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

**Session Classification:** e-Science Activities in Asia Pacific

Contribution ID: 5

Type: **not specified**

## Talk 2

*Tuesday, March 19, 2013 11:40 AM (20 minutes)*

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

**Session Classification:** e-Science Activities in Asia Pacific

Contribution ID: 6

Type: **not specified**

## Talk 3

*Tuesday, March 19, 2013 12:00 PM (20 minutes)*

**Presenter:** JACOB, Abey (Centre for Development of Advanced Computing (C-DAC), ID)

**Session Classification:** e-Science Activities in Asia Pacific

Contribution ID: 7

Type: **not specified**

## Talk 4

*Tuesday, March 19, 2013 12:20 PM (10 minutes)*

**Presenter:** SRICHAIKUL, Piyawut (National Electronics and Computer Technology Center (NECTEC), TH)

**Session Classification:** e-Science Activities in Asia Pacific

Contribution ID: 8

Type: **not specified**

## **A Trust Framework for Security Collaboration among Infrastructures**

*Tuesday, March 19, 2013 1:30 PM (30 minutes)*

**Presenter:** KELSEY, David (STFC-RAL)

**Session Classification:** Infrastructure & Operations Management

Contribution ID: 9

Type: **not specified**

## **European Grid Infrastructure: services to access a distributed e-infrastructure**

*Tuesday, March 19, 2013 2:00 PM (30 minutes)*

**Presenter:** FERRARI, Tiziana (EGI.eu, NL)

**Session Classification:** Infrastructure & Operations Management

Contribution ID: **10**

Type: **not specified**

## **EGI grid middleware and distributed computing infrastructures integration**

*Tuesday, March 19, 2013 2:30 PM (30 minutes)*

**Presenter:** IMAMAGIC, Emir (SRCE, HR)

**Session Classification:** Infrastructure & Operations Management

Contribution ID: 11

Type: **not specified**

## **EMI Security model and the future in Clouds**

*Tuesday, March 19, 2013 1:30 PM (30 minutes)*

**Presenter:** WHITE, John (NeIC)

**Session Classification:** Middleware & Interoperability

Contribution ID: 12

Type: **not specified**

## **Federated Grid Access Using EMI Security Token Service**

*Tuesday, March 19, 2013 2:00 PM (30 minutes)*

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

**Session Classification:** Middleware & Interoperability

Contribution ID: 13

Type: **not specified**

## **Data Transfer Improvement for Temporal User Account Resources**

*Tuesday, March 19, 2013 2:30 PM (30 minutes)*

**Presenter:** SAGA, Kazushige (Fujitsu Limited, JP)

**Session Classification:** Middleware & Interoperability

Contribution ID: 14

Type: **not specified**

## **Big Data Challenges in the Humanities and Social Sciences**

*Tuesday, March 19, 2013 1:30 PM (30 minutes)*

**Presenter:** DOORN, Peter (Data Archiving and Networked Services (DANS), NL)

**Session Classification:** Humanities & Social Sciences

Contribution ID: 15

Type: **not specified**

## **Using Grid Computing to Validate an Agent-Based Model for State Identification**

*Tuesday, March 19, 2013 2:00 PM (30 minutes)*

**Presenter:** LIU, Frank (National Sun Yat-Sen University)

**Session Classification:** Humanities & Social Sciences

Contribution ID: 16

Type: **not specified**

## **Analysing Social Media: “Big Data” and the Social Sciences**

*Tuesday, March 19, 2013 2:30 PM (15 minutes)*

**Presenter:** CHOI, Christopher (University of St Andrews, UK)

**Session Classification:** Humanities & Social Sciences

Contribution ID: 17

Type: **not specified**

## **Micro Discrete Events and Macro Continuous Social Outcomes: Migration Flows Analysis and Scientific Computing Challenges for Social Scientists**

*Tuesday, March 19, 2013 2:45 PM (15 minutes)*

**Presenter:** LIN, Ji-Ping (Academia Sinicca)

**Session Classification:** Humanities & Social Sciences

Contribution ID: **18**

Type: **not specified**

## **352 sites, 54 countries, 1 security team - Operational Security in EGI**

*Tuesday, March 19, 2013 3:20 PM (30 minutes)*

**Presenters:** NIXON, Leif (EGI.eu, NL); GABRIEL, Sven (Nikhef/EGI)

**Session Classification:** Infrastructure & Operations Management

Contribution ID: 19

Type: **not specified**

## **Topics of SHA-2 Based Certificates in the High Performance Computing Infrastructure in Japan**

*Tuesday, March 19, 2013 3:50 PM (30 minutes)*

**Presenter:** SAKANE, Eisaku (National Institute of Informatics)

**Session Classification:** Infrastructure & Operations Management

Contribution ID: 20

Type: **not specified**

## **A dynamic monitoring framework and methodologies adapted for Grid GARUDA**

*Tuesday, March 19, 2013 4:20 PM (30 minutes)*

**Presenter:** JACOB, Abey (Centre for Development of Advanced Computing (C-DAC), ID)

**Session Classification:** Infrastructure & Operations Management

Contribution ID: 21

Type: **not specified**

## **Grid and cloud computing services for tsunami simulation**

*Tuesday, March 19, 2013 3:20 PM (30 minutes)*

**Presenter:** HSU, John (Academia Sinica, TW)

**Session Classification:** Earth & Environmental Sciences & Biodiversity

Contribution ID: 22

Type: **not specified**

## **The Framework of Novel k-means Embedded Cloud Computing Platform for Real-time Unmanned Aerial Vehicle (UAV) Remote Sensing Images Processing**

*Tuesday, March 19, 2013 3:50 PM (30 minutes)*

**Presenter:** LIN, Feng-cheng (Feng Chia University, TW)

**Session Classification:** Earth & Environmental Sciences & Biodiversity

Contribution ID: 23

Type: **not specified**

## **Common Operations of Environmental Research Infrastructures: the ENVRI project**

*Tuesday, March 19, 2013 4:20 PM (15 minutes)*

**Presenter:** LEGRÉ, Yannick (OPERAS AISBL)

**Session Classification:** Earth & Environmental Sciences & Biodiversity

Contribution ID: 24

Type: **not specified**

## **Analyse Common Requirements for Environmental Research Infrastructures**

*Tuesday, March 19, 2013 4:35 PM (15 minutes)*

**Presenters:** LEGRÉ, Yannick (OPERAS AISBL); CHEN, Yin (Cardiff University, UK)

**Session Classification:** Earth & Environmental Sciences & Biodiversity

Contribution ID: 25

Type: **not specified**

## **The DCH-RP Project**

*Tuesday, March 19, 2013 3:20 PM (30 minutes)*

**Presenter:** BARBERA, Roberto (University of Catania and INFN, IT)

**Session Classification:** Humanities & Social Sciences

Contribution ID: 26

Type: **not specified**

## **Measuring the impact of e-infrastructure dissemination and outreach**

*Tuesday, March 19, 2013 3:50 PM (30 minutes)*

**Presenter:** QADIR, Zara (e-ScienceTalk, UK)

**Session Classification:** Humanities & Social Sciences

Contribution ID: 27

Type: **not specified**

## **The Remote Sensing Archaeology of the Fuzhou City Site**

*Tuesday, March 19, 2013 4:20 PM (30 minutes)*

**Presenters:** GAO, Huaguang (The Natinal Museum of China, CN); YANG, Lin (The Natinal Museum of China, CN); YAO, Yueyin (The Natinal Museum of China, CN)

**Session Classification:** Humanities & Social Sciences

Contribution ID: 28

Type: **not specified**

## Talk 1

*Wednesday, March 20, 2013 9:00 AM (45 minutes)*

**Presenter:** TURUNEN, Esa (Sodankylä Geophysical Observatory, FI)

**Session Classification:** Keynote Session

Contribution ID: 29

Type: **not specified**

## Talk 2

*Wednesday, March 20, 2013 9:45 AM (45 minutes)*

**Presenter:** DENG, Yuefan (Stony Brook University, US)

**Session Classification:** Keynote Session

Contribution ID: **30**

Type: **not specified**

## **Talk 1**

*Wednesday, March 20, 2013 11:00 AM (18 minutes)*

**Presenter:** YAN, Baoping (Chinese Academy of Science (CAS), CN)

**Session Classification:** e-Science Activities in Asia Pacific

Contribution ID: **31**

Type: **not specified**

## **Talk 2**

*Wednesday, March 20, 2013 11:18 AM (18 minutes)*

**Presenter:** NAPIS, Suhaimi (Universiti Putra Malaysia)

**Session Classification:** e-Science Activities in Asia Pacific

Contribution ID: **32**

Type: **not specified**

## **Talk 3**

*Wednesday, March 20, 2013 11:36 AM (18 minutes)*

**Presenter:** MICHALEWICZ, Marek T. (A\*STAR Computational Resource Centre, SG)

**Session Classification:** e-Science Activities in Asia Pacific

Contribution ID: 33

Type: **not specified**

## **e-Science Activities in Philippines**

*Wednesday, March 20, 2013 11:54 AM (18 minutes)*

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

**Session Classification:** e-Science Activities in Asia Pacific

Contribution ID: **34**

Type: **not specified**

## **Talk 5**

*Wednesday, March 20, 2013 12:12 PM (18 minutes)*

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

**Session Classification:** e-Science Activities in Asia Pacific

Contribution ID: 35

Type: **not specified**

## **The WeNMR project: operating a worldwide grid and cloud infrastructure for structural biology**

*Wednesday, March 20, 2013 2:00 PM (30 minutes)*

**Presenter:** VERLATO, Marco (National Institute of Nuclear Physics, IT)

**Session Classification:** Infrastructure & Operations Management

Contribution ID: 36

Type: **not specified**

## **Efficient Management of System Logs using a Cloud**

*Wednesday, March 20, 2013 2:30 PM (30 minutes)*

**Presenter:** BOOO, Radoslav (CESNET, CZ)

**Session Classification:** Infrastructure & Operations Management

Contribution ID: 37

Type: **not specified**

## **Network Traffic Analysis using HADOOP Architecture**

*Wednesday, March 20, 2013 3:00 PM (30 minutes)*

**Presenter:** ZENG, SHAN (IHEP)

**Session Classification:** Infrastructure & Operations Management

Contribution ID: **38**

Type: **not specified**

## **dCache: dependable storage for new distributed communities**

*Wednesday, March 20, 2013 2:00 PM (30 minutes)*

**Presenter:** MILLAR, Paul (DESY)

**Session Classification:** Data Management

Contribution ID: 39

Type: **not specified**

## **SCALA: A framework for graphical operations for iRODS**

*Wednesday, March 20, 2013 2:30 PM (30 minutes)*

**Presenter:** TAKASE, Wataru (KEK)

**Session Classification:** Data Management

Contribution ID: 40

Type: **not specified**

## **A comparative study between two data management systems dCache and irods**

*Wednesday, March 20, 2013 3:00 PM (15 minutes)*

**Presenter:** RESSMANN, Doris (Karlsruher Institute of Technology, DE)

**Session Classification:** Data Management

Contribution ID: 41

Type: **not specified**

## **A comparison for data transfer methods and protocols with DPM in the ATLAS experiment**

*Wednesday, March 20, 2013 3:15 PM (15 minutes)*

**Presenter:** LIAO, Shu-ting (Academia Sinica Grid Computing Centre (ASGC), TW)

**Session Classification:** Data Management

Contribution ID: 42

Type: **not specified**

## **The agINFRA Science Gateway for Agricultural Sciences**

*Wednesday, March 20, 2013 2:00 PM (30 minutes)*

**Presenter:** BRUNO, Riccardo (INFN, IT)

**Session Classification:** Earth & Environmental Sciences & Biodiversity

Contribution ID: 43

Type: **not specified**

## **The EarthServer project and its Lighthouse Applications: Exploiting Science Gateways and Mobile Clients for Big Earth Data Analysis**

*Wednesday, March 20, 2013 2:30 PM (30 minutes)*

**Presenter:** BARBERA, Roberto (University of Catania and INFN, IT)

**Session Classification:** Earth & Environmental Sciences & Biodiversity

Contribution ID: 44

Type: **not specified**

## **The development and public services of Geospatial Data Cloud**

*Wednesday, March 20, 2013 3:00 PM (15 minutes)*

**Presenter:** WANG, Xuezhi (Chinese Academy of Sciences, CN)

**Session Classification:** Earth & Environmental Sciences & Biodiversity

Contribution ID: 45

Type: **not specified**

## **Coordination of Research e-Infrastructure Activities Toward an International Virtual Environment for Biodiversity: the CReATIVE-B project**

*Wednesday, March 20, 2013 3:15 PM (15 minutes)*

**Presenter:** LEGRÉ, Yannick (OPERAS AISBL)

**Session Classification:** Earth & Environmental Sciences & Biodiversity

Contribution ID: 46

Type: **not specified**

## The HEP transition to IPv6

*Wednesday, March 20, 2013 4:00 PM (30 minutes)*

**Presenter:** KELSEY, David (STFC-RAL)

**Session Classification:** Infrastructure & Operations Management

Contribution ID: 47

Type: **not specified**

## **IPv6 Deployment at IHEP**

*Wednesday, March 20, 2013 4:30 PM (30 minutes)*

**Presenter:** QI, Fazhi (Institute of High Energy Physics,CAS)

**Session Classification:** Infrastructure & Operations Management

Contribution ID: 48

Type: **not specified**

## **The Operation and Maintenance of IHEP Online Cluster**

*Wednesday, March 20, 2013 5:00 PM (30 minutes)*

**Presenter:** SHI, Jingyan (IHEP)

**Session Classification:** Infrastructure & Operations Management

Contribution ID: 49

Type: **not specified**

## **Evaluation of the OGF GridRPC Data Management library, and study of its integration into an International Sparse Linear Algebra Expert System**

*Wednesday, March 20, 2013 4:00 PM (30 minutes)*

**Presenter:** CANIOU, Yves (JFLI, University of Tokyo, INRIA, CNRS, JP)

**Session Classification:** Data Management

Contribution ID: 50

Type: **not specified**

## **Extending the CHAIN Knowledge Base to Open Access Linked Data using KLIOS**

*Wednesday, March 20, 2013 4:30 PM (30 minutes)*

**Presenter:** INSERRA, Giuseppina (INFN, IT)

**Session Classification:** Data Management

Contribution ID: 51

Type: **not specified**

## **Xrootd Federation: A Panacea or a Placebo? A Tier 1 Perspective**

*Wednesday, March 20, 2013 5:00 PM (15 minutes)*

**Presenter:** DE WITT, Shaun (Culham Centre for Fusion Energy)

**Session Classification:** Data Management

Contribution ID: 52

Type: **not specified**

## **A web-based utility for Grid data management**

*Wednesday, March 20, 2013 5:15 PM (15 minutes)*

**Presenters:** DANIELE, Cesini (INFN CNAF, IT); FATTIBENE, Enrico (INFN CNAF, IT)

**Session Classification:** Data Management

Contribution ID: 53

Type: **not specified**

## **Standard-based Interoperability amongst Local, Grid and Cloud Resources Distributed Worldwide**

*Wednesday, March 20, 2013 4:00 PM (30 minutes)*

**Presenter:** BARBERA, Roberto (University of Catania and INFN, IT)

**Session Classification:** Middleware & Interoperability

Contribution ID: 54

Type: **not specified**

## **The Dynamic Federations: federate Storage on the fly using HTTP/WebDAV and DMLite**

*Wednesday, March 20, 2013 4:30 PM (30 minutes)*

**Presenter:** FURANO, Fabrizio (CERN, CH)

**Session Classification:** Middleware & Interoperability

Contribution ID: 55

Type: **not specified**

## **"Single Sign-In" User Centered Computing (SUCC) for HEP**

*Wednesday, March 20, 2013 5:00 PM (30 minutes)*

**Presenter:** ZVADA, Marian (Karlsruhe Institute of Technology, DE)

**Session Classification:** Middleware & Interoperability

Contribution ID: 56

Type: **not specified**

## Talk 1

*Thursday, March 21, 2013 9:00 AM (30 minutes)*

**Presenter:** BAUERDICK, Lothar (Fermi National Accelerator Laboratory, US)

**Session Classification:** Keynote Session

Contribution ID: 57

Type: **not specified**

## Talk 2

*Thursday, March 21, 2013 9:30 AM (30 minutes)*

**Presenter:** FERRARI, Tiziana (EGI.eu, NL)

**Session Classification:** Keynote Session

Contribution ID: 58

Type: **not specified**

## Talk 3

*Thursday, March 21, 2013 10:00 AM (30 minutes)*

**Presenter:** LIN, Simon C. (ASGC)

**Session Classification:** Keynote Session

Contribution ID: 59

Type: **not specified**

## **e-Science Activities in Australia**

*Thursday, March 21, 2013 10:50 AM (30 minutes)*

**Presenter:** MOLONEY, Glenn (University Of Melbourne, NeCTAR, AU)

**Session Classification:** e-Science Activities in Asia Pacific

Contribution ID: **60**

Type: **not specified**

## **Talk 2**

*Thursday, March 21, 2013 11:20 AM (30 minutes)*

**Presenter:** AIDA, Kento (National Institute of Informatics)

**Session Classification:** e-Science Activities in Asia Pacific

Contribution ID: **61**

Type: **not specified**

## **Talk 3**

*Thursday, March 21, 2013 11:50 AM (15 minutes)*

**Presenter:** NGUYEN, Hong-Quang (Institut de la Francophonie pour l'Informatique, VN)

**Session Classification:** e-Science Activities in Asia Pacific

Contribution ID: **62**

Type: **not specified**

## **News on Grids and Cloud Activities in Vietnam**

*Thursday, March 21, 2013 12:05 PM (15 minutes)*

**Presenter:** NGUYEN, Hong-Quang (Institut de la Francophonie pour l'Informatique, VN)

**Session Classification:** e-Science Activities in Asia Pacific

Contribution ID: **63**

Type: **not specified**

## **FermiCloud Update - ISGC 2013**

*Thursday, March 21, 2013 1:20 PM (30 minutes)*

**Presenter:** CHADWICK, Keith (Fermilab, US)

**Session Classification:** Infrastructure Clouds & Virtualisation

Contribution ID: **64**

Type: **not specified**

## **NeCTAR Research Cloud - One year online**

*Thursday, March 21, 2013 1:50 PM (30 minutes)*

**Presenter:** FIFIELD, Tom (NeCTAR, AU)

**Session Classification:** Infrastructure Clouds & Virtualisation

Contribution ID: 65

Type: **not specified**

## **The EGI pan-European Federation of Clouds**

*Thursday, March 21, 2013 2:20 PM (30 minutes)*

**Presenter:** MATTEO, Turilli (University of Oxford, UK)

**Session Classification:** Infrastructure Clouds & Virtualisation

Contribution ID: 66

Type: **not specified**

## **WeNMR: a worldwide structural biology community. Deciphering the behavior of the users of our web portals**

*Thursday, March 21, 2013 1:20 PM (18 minutes)*

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

**Session Classification:** Biomedicine & Life Sciences

Contribution ID: 67

Type: **not specified**

## **Geant4 Based Particle Therapy System Simulation Framework with Universal Grid Interface**

*Thursday, March 21, 2013 1:38 PM (18 minutes)*

**Presenter:** ASO, Tsukasa (Nagaoka University of Technology, JP)

**Session Classification:** Biomedicine & Life Sciences

Contribution ID: 68

Type: **not specified**

## **A Virtual Microscope System in a Cloud Environment for Histology Learning**

*Thursday, March 21, 2013 1:56 PM (18 minutes)*

**Presenter:** CHEN, Lih-shyang (National Cheng Kung University, TW)

**Session Classification:** Biomedicine & Life Sciences

Contribution ID: 69

Type: **not specified**

## **A Framework for the Analysis of Medical Data with the Sonification Technique**

*Thursday, March 21, 2013 2:14 PM (18 minutes)*

**Presenter:** LA ROCCA, Giuseppe (EGI Foundation)

**Session Classification:** Biomedicine & Life Sciences

Contribution ID: 70

Type: **not specified**

## **Scheduling on virtual screening platform for multi-user**

*Thursday, March 21, 2013 2:32 PM (18 minutes)*

**Presenter:** NGUYEN, Hong-Quang (Institut de la Francophonie pour l'Informatique, VN)

**Session Classification:** Biomedicine & Life Sciences

Contribution ID: 71

Type: **not specified**

## **Accessing Scientific Applications through the WNoDeS Cloud Virtualization Framework**

*Thursday, March 21, 2013 3:10 PM (30 minutes)*

**Presenters:** RONCHIERI, Elisabetta (INFN CNAF); VERLATO, Marco (National Institute of Nuclear Physics, IT)

**Session Classification:** Infrastructure Clouds & Virtualisation

Contribution ID: 72

Type: **not specified**

## **On deploying and operating cloud-based storage services for research**

*Thursday, March 21, 2013 3:40 PM (30 minutes)*

**Presenter:** HERNANDEZ VILLANUEVA, Michel (DESY)

**Session Classification:** Infrastructure Clouds & Virtualisation

Contribution ID: 73

Type: **not specified**

## **The Private Cloud Infrastructure at CERN**

*Thursday, March 21, 2013 4:10 PM (30 minutes)*

**Presenters:** GUIJARRO, Manuel (CERN, CH); BELL, Tim (CERN, CH)

**Session Classification:** Infrastructure Clouds & Virtualisation

Contribution ID: 74

Type: **not specified**

## Talk 1

*Thursday, March 21, 2013 3:10 PM (30 minutes)*

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

**Session Classification:** Business Models & Sustainability

Contribution ID: 75

Type: **not specified**

## **EGI Unified Middleware Distribution: Provisioning of heterogeneous middleware components for a distributed e-Infrastructure**

*Thursday, March 21, 2013 3:40 PM (30 minutes)*

**Presenter:** FERRARI, Tiziana (EGLeu, NL)

**Session Classification:** Business Models & Sustainability

Contribution ID: 76

Type: **not specified**

## **BiG Grid and Beyond: the Dutch National e-infrastructure**

*Thursday, March 21, 2013 4:10 PM (15 minutes)*

**Presenter:** TEMPLON, Jeffrey (Nikhef)

**Session Classification:** Business Models & Sustainability

Contribution ID: 77

Type: **not specified**

## **The UK Grid infrastructure and future directions**

*Thursday, March 21, 2013 4:25 PM (15 minutes)*

**Presenter:** COLES, Jeremy (University of Cambridge)

**Session Classification:** Business Models & Sustainability

Contribution ID: 78

Type: **not specified**

## **Integrating IaaS Resources Into the ATLAS Distributed Computing Infrastructure**

*Friday, March 22, 2013 9:00 AM (30 minutes)*

**Presenters:** SOBIE, Randall (University of Victoria, CA); TAYLOR, Ryan (University of Victoria, CA)

**Session Classification:** Infrastructure Clouds & Virtualisation

Contribution ID: 79

Type: **not specified**

## **The CMS openstack, openvswitch-ed, opportunistic, overlay, online-cluster Cloud (CMSoooooCloud)**

*Friday, March 22, 2013 9:30 AM (30 minutes)*

**Presenter:** COARASA PEREZ, Jose Antonio (CERN, CH)

**Session Classification:** Infrastructure Clouds & Virtualisation

Contribution ID: **80**

Type: **not specified**

## **Integrating OpenStack Cloud Resources into WLCG Tier 2 Grid**

*Friday, March 22, 2013 10:00 AM (15 minutes)*

**Presenter:** HUANG, Joanna (CoEPP, AU)

**Session Classification:** Infrastructure Clouds & Virtualisation

Contribution ID: **81**

Type: **not specified**

## **Cloud Computing at the RAL Tier 1 Centre**

*Friday, March 22, 2013 10:15 AM (15 minutes)*

**Presenter:** COLLIER, Ian (STFC-RAL)

**Session Classification:** Infrastructure Clouds & Virtualisation

Contribution ID: 82

Type: **not specified**

## **System upgrade and future perspective for the operation of Tokyo Tier2 center**

*Friday, March 22, 2013 9:00 AM (30 minutes)*

**Presenter:** NAKAMURA, Tomoaki (KEK)

**Session Classification:** Physics & Engineering Applications

Contribution ID: **83**

Type: **not specified**

## **The recent status of the Belle II computing**

*Friday, March 22, 2013 9:30 AM (30 minutes)*

**Presenter:** MIYAKE, Hideki (KEK/IPNS)

**Session Classification:** Physics & Engineering Applications

Contribution ID: 84

Type: **not specified**

## **SIMULATION RESULT OF NANO SCALE TRANSISTOR WITH BALLISTIC CONDUCTING IN GRID COMPUTING**

*Friday, March 22, 2013 10:00 AM (30 minutes)*

**Presenter:** BADRAKH, Otgonsuud (Researcher at Institute of Mathematics and Digital technology, Mongolian Academy of Sciences)

**Session Classification:** Physics & Engineering Applications

Contribution ID: 85

Type: **not specified**

## Talk 1

*Friday, March 22, 2013 9:00 AM (20 minutes)*

**Presenter:** SKOW, Dane (University of Texas at Austin, US)

**Session Classification:** Big Data

Contribution ID: **86**

Type: **not specified**

## Talk 2

*Friday, March 22, 2013 9:20 AM (20 minutes)*

**Presenter:** MOLONEY, Glenn (University Of Melbourne, NeCTAR, AU)

**Session Classification:** Big Data

Contribution ID: 87

Type: **not specified**

## Talk 3

*Friday, March 22, 2013 9:40 AM (25 minutes)*

**Presenter:** LIN, Simon C. (ASGC)

**Session Classification:** Big Data

Contribution ID: **88**

Type: **not specified**

## **100G R&D for Big Data at Fermilab**

*Friday, March 22, 2013 10:05 AM (25 minutes)*

**Presenter:** GARZOGLIO, Gabriele (Fermilab, US)

**Session Classification:** Big Data

Contribution ID: **89**

Type: **not specified**

## **Porting workflows based on small and medium parallelism applications to the Italian Grid Infrastructure**

*Friday, March 22, 2013 11:00 AM (30 minutes)*

**Presenter:** CESINI, Daniele (INFN-CNAF)

**Session Classification:** High Performance & Technical Computing (HPTC)

Contribution ID: **90**

Type: **not specified**

## **3.5 Millions Smartmeters in the Cloud**

*Friday, March 22, 2013 11:30 AM (30 minutes)*

**Presenter:** KŘENEK, Aleš (Masaryk University)

**Session Classification:** High Performance & Technical Computing (HPTC)

Contribution ID: 91

Type: **not specified**

## **Simulated Worlds: Relaying HPC knowledge at secondary schools**

*Friday, March 22, 2013 12:00 PM (15 minutes)*

**Presenter:** BERLICH, Ruediger (Gemfony scientific UG (haftungsbeschraenkt))

**Session Classification:** High Performance & Technical Computing (HPTC)

Contribution ID: 92

Type: **not specified**

## **Port a protein structure prediction application on BOINC platform**

*Friday, March 22, 2013 12:15 PM (15 minutes)*

**Presenter:** WU, Wenjing (Chinese Academy of Sciences, CN)

**Session Classification:** High Performance & Technical Computing (HPTC)

Contribution ID: 93

Type: **not specified**

## **Implementation of an ATLAS Tier 3 high-throughput computing infrastructure in an OpenStack Cloud**

*Friday, March 22, 2013 11:00 AM (30 minutes)*

**Presenters:** HUANG, Joanna (CoEPP, AU); CODDINGTON, Paul (Australian Research Data Commons)

**Session Classification:** Physics & Engineering Applications

Contribution ID: 94

Type: **not specified**

## **ATLAS TDAQ System Administration: overview and evolution**

*Friday, March 22, 2013 11:30 AM (30 minutes)*

**Presenters:** LEE, Christopher (CERN); BALLESTRERO, Sergio (University of Johannesburg, CH)

**Session Classification:** Physics & Engineering Applications

Contribution ID: 95

Type: **not specified**

## **The ATLAS Distributed Computing: the challenges of the future**

*Friday, March 22, 2013 12:00 PM (30 minutes)*

**Presenters:** FILIPCIC, Andrej (University of Tokyo, JP); SAKAMOTO, Hiroshi (The University of Tokyo)

**Session Classification:** Physics & Engineering Applications

Contribution ID: 96

Type: **not specified**

## **EUDAT: A Cross-Disciplinary Data Infrastructure for Science**

*Friday, March 22, 2013 11:00 AM (30 minutes)*

**Presenter:** DE WITT, Shaun (Culham Centre for Fusion Energy)

**Session Classification:** Managing Distributed Computing System

Contribution ID: 97

Type: **not specified**

## **Grid Management using Instant Messaging**

*Friday, March 22, 2013 11:30 AM (30 minutes)*

**Presenter:** TAN, Nam Beng (Nanyang Polytechnic)

**Session Classification:** Managing Distributed Computing System

Contribution ID: 98

Type: **not specified**

## **“Social” Science Gateways to e-Infrastructures**

*Friday, March 22, 2013 12:00 PM (15 minutes)*

**Presenter:** FARGETTA, Marco (COMETA/INFN, IT)

**Session Classification:** Managing Distributed Computing System

Contribution ID: 99

Type: **not specified**

## **Survey of Energy-Efficient Scheduling of Scientific Workflows in Heterogeneous Systems**

*Friday, March 22, 2013 12:15 PM (15 minutes)*

**Presenter:** UMAR AMBURSA, Faruk (Universiti Putra Malaysia (UPM), MY)

**Session Classification:** Managing Distributed Computing System

Contribution ID: **100**

Type: **not specified**

## **Closing Keynote**

*Friday, March 22, 2013 12:30 PM (45 minutes)*

**Presenter:** LEHRACH, Hans (Max Planck Institute for Molecular Genetics, DE)

**Session Classification:** Closing

Contribution ID: **101**

Type: **not specified**

## Closing

*Friday, March 22, 2013 1:15 PM (15 minutes)*

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

**Session Classification:** Closing