International Symposium on Grids & Clouds (ISGC) 2013

Report of Contributions

Contribution ID: **1** Type: **not specified**

TBA

Tuesday, 19 March 2013 09:00 (55 minutes)

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

Session Classification: Opening Ceremony

Contribution ID: **2** Type: **not specified**

TBA

Tuesday, 19 March 2013 09:55 (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, 19 March 2013 11:10 (1h 50m)

Session Classification: WeNMR Workshop

Contribution ID: 4   Type: **not specified**

e-Science Activities in Taiwan

Tuesday, 19 March 2013 11:10 (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, 19 March 2013 11:40 (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, 19 March 2013 12:00 (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, 19 March 2013 12:20 (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, 19 March 2013 13:30 (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, 19 March 2013 14:00 (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, 19 March 2013 14:30 (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, 19 March 2013 13:30 (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, 19 March 2013 14:00 (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, 19 March 2013 14:30 (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, 19 March 2013 13:30 (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, 19 March 2013 14:00 (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, 19 March 2013 14:30 (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, 19 March 2013 14:45 (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, 19 March 2013 15:20 (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, 19 March 2013 15:50 (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, 19 March 2013 16:20 (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, 19 March 2013 15:20 (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, 19 March 2013 15:50 (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, 19 March 2013 16:20 (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, 19 March 2013 16:35 (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, 19 March 2013 15:20 (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, 19 March 2013 15:50 (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, 19 March 2013 16:20 (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, 20 March 2013 09:00 (45 minutes)

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

Session Classification: Keynote Session

Contribution ID: **29** Type: **not specified**

Talk 2

Wednesday, 20 March 2013 09:45 (45 minutes)

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

Session Classification: Keynote Session

Contribution ID: **30** Type: **not specified**

Talk 1

Wednesday, 20 March 2013 11:00 (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, 20 March 2013 11:18 (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, 20 March 2013 11:36 (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, 20 March 2013 11:54 (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, 20 March 2013 12:12 (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, 20 March 2013 14:00 (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, 20 March 2013 14:30 (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, 20 March 2013 15:00 (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, 20 March 2013 14:00 (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, 20 March 2013 14:30 (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, 20 March 2013 15:00 (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, 20 March 2013 15:15 (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, 20 March 2013 14:00 (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, 20 March 2013 14:30 (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, 20 March 2013 15:00 (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, 20 March 2013 15:15 (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, 20 March 2013 16:00 (30 minutes)

Presenter: KELSEY, David (STFC-RAL)

Session Classification: Infrastructure & Operations Management

Contribution ID: 47 Type: **not specified**

IPv6 Deployment at IHEP

Wednesday, 20 March 2013 16:30 (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, 20 March 2013 17:00 (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, 20 March 2013 16:00 (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, 20 March 2013 16:30 (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, 20 March 2013 17:00 (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, 20 March 2013 17:15 (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, 20 March 2013 16:00 (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, 20 March 2013 16:30 (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, 20 March 2013 17:00 (30 minutes)

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

Session Classification: Middleware & Interoperability

Contribution ID: **56** Type: **not specified**

Talk 1

Thursday, 21 March 2013 09:00 (30 minutes)

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

Session Classification: Keynote Session

Contribution ID: **57** Type: **not specified**

Talk 2

Thursday, 21 March 2013 09:30 (30 minutes)

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

Session Classification: Keynote Session

Contribution ID: **58** Type: **not specified**

Talk 3

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

Presenter: LIN, Simon C. (ASGC)

Session Classification: Keynote Session

Contribution ID: **59**   Type: **not specified**

e-Science Activities in Australia

Thursday, 21 March 2013 10:50 (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, 21 March 2013 11:20 (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, 21 March 2013 11:50 (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, 21 March 2013 12:05 (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, 21 March 2013 13:20 (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, 21 March 2013 13:50 (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, 21 March 2013 14:20 (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, 21 March 2013 13:20 (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, 21 March 2013 13:38 (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, 21 March 2013 13:56 (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, 21 March 2013 14:14 (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, 21 March 2013 14:32 (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, 21 March 2013 15:10 (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, 21 March 2013 15:40 (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, 21 March 2013 16:10 (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, 21 March 2013 15:10 (30 minutes)

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

Session Classification: Budiness Models & Sustainability

Contribution ID: **75** Type: **not specified**

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

Thursday, 21 March 2013 15:40 (30 minutes)

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

Session Classification: Budiness Models & Sustainability

Contribution ID: **76** Type: **not specified**

BiG Grid and Beyond: the Dutch National e-infrastructure

Thursday, 21 March 2013 16:10 (15 minutes)

Presenter: TEMPLON, Jeffrey (Nikhef)

Session Classification: Budiness Models & Sustainability

Contribution ID: **77**   Type: **not specified**

The UK Grid infrastructure and future directions

Thursday, 21 March 2013 16:25 (15 minutes)

Presenter: COLES, Jeremy (University of Cambridge)

Session Classification: Budiness Models & Sustainability

Contribution ID: **78**   Type: **not specified**

Integrating IaaS Resources Into the ATLAS Distributed Computing Infrastructure

Friday, 22 March 2013 09:00 (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, 22 March 2013 09:30 (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, 22 March 2013 10:00 (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, 22 March 2013 10:15 (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, 22 March 2013 09:00 (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, 22 March 2013 09:30 (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, 22 March 2013 10:00 (30 minutes)

Presenter: BADRAKH, Otgonsuvd (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, 22 March 2013 09:00 (20 minutes)

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

Session Classification: Big Data

Contribution ID: **86**   Type: **not specified**

Talk 2

Friday, 22 March 2013 09:20 (20 minutes)

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

Session Classification: Big Data

Contribution ID: **87** Type: **not specified**

Talk 3

Friday, 22 March 2013 09:40 (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, 22 March 2013 10:05 (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, 22 March 2013 11:00 (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, 22 March 2013 11:30 (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, 22 March 2013 12:00 (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, 22 March 2013 12:15 (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, 22 March 2013 11:00 (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, 22 March 2013 11:30 (30 minutes)

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

Session Classification: Physics & Engineering Applications

Contribution ID: 95 Type: **not specified**

The ATLAS Distributed Computing: the challenges of the future

Friday, 22 March 2013 12:00 (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 Infastructure for Science

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

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

Session Classification: Managing Distributed Computing System

International Sy ... / Report of Contributions   EUDAT: A Cross-Disciplinary Dat ...

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Contribution ID: **97**   Type: **not specified**

Grid Management using Instant Messaging

Friday, 22 March 2013 11:30 (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, 22 March 2013 12:00 (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, 22 March 2013 12:15 (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, 22 March 2013 12:30 (45 minutes)

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

Session Classification: Closing

Contribution ID: **101** Type: **not specified**

Closing

Friday, 22 March 2013 13:15 (15 minutes)

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

Session Classification: Closing