

HealthGrid conference 2010

Report of Contributions

Contribution ID: 0

Type: **not specified**

Title to be confirmed

Presenter: Dr OROZCO, Modesto (IRB Barcelona)

Contribution ID: 1

Type: **not specified**

Title to be confirmed

Brilliant medical doctor and scientist, Professor Jean Claude Healy has contributed to the transformation of healthcare at the European level when he was leading the DG-INFSO unit “Telematic Applications for Health” at the European Commission. Jean-Claude was a devoted supporter of e-Health and also a great visionary who really got involved into the development of the HealthGrid initiative. In memoriam of Jean Claude Healy, who passed away in 2008, we have decided to give his name to the keynote speech about the prospective vision of healthgrids evolution, given yearly by a distinguished scientist invited to the HealthGrid conference. This year, we are honored to welcome Dr. Joan Helen Dzenowagis, WHO, to present the “Jean Claude Healy keynote speech”.

Presenter: Dr DZENOWAGIS, Joan (WHO)

Contribution ID: 2

Type: **not specified**

Title to be confirmed

Presenter: Dr OROZCO, Modesto (IRB Barcelona)

Contribution ID: 4

Type: **not specified**

Putting a Heart into a Box: GPGPU simulation of a Cardiac Model on the XBox 360

Wednesday, 30 June 2010 15:40 (45 minutes)

When they first hit the market the current “next” generation of games consoles are, pretty much by definition, the most powerful “bangs per buck” computing hardware one can get, especially in terms of their graphical computing power and advanced GPUs. However, little work has been published which actually uses this power to produce useful research results. One exception is my recent paper using the XBox 360 to carry out electro-cardio dynamics simulations, recently published in the Computational Biology and Chemistry*. This I shall discuss in the broader context of using games consoles as an alternative HPC resource.

I shall also discuss the wider publicity generated by this paper, and highlight how games could be a very powerful tool in the Public Engagement with Science arena.

- Implications of the Turing Completeness of Reaction-Diffusion Models, informed by GPGPU simulations on an XBox 360: Cardiac Arrhythmias, Re-entry and the Halting Problem, S.Scarle, Computational Biology and Chemistry 33 253 (2009)

Video presentation at: <http://tinyurl.com/cpv3pc>

Presenter: Dr SCARLE, Simon (University of Warwick)

Session Classification: Future of grids

Contribution ID: 5

Type: **not specified**

Short contributions

Contribution ID: 6

Type: **not specified**

Unconference

Contribution ID: 7

Type: **not specified**

Oral contributions selected through call for papers

Contribution ID: 8

Type: **not specified**

Grid-based International Network for Flu Observation (g-INFO)

Tuesday, 29 June 2010 10:45 (20 minutes)

Presenter: Mr DOAN, Trung Tung (HPC Center - Hanoi University of Technology)

Session Classification: Applications

Contribution ID: 9

Type: **not specified**

Grid based Evaluation of a Liver Segmentation Method for Contrast Enhanced Abdominal MRI

Tuesday, 29 June 2010 11:05 (20 minutes)

Presenter: Ms KREFTING, Dagmar (Charité - Universitätsmedizin Berlin)

Session Classification: Applications

Contribution ID: 10

Type: **not specified**

Visualization, Analysis, and Design of COMBO-FISH Probes in the Grid-Based GLOBE 3D Genome Platform

Tuesday, 29 June 2010 12:00 (20 minutes)

Presenter: Dr KEPPER, Nick (BioQuant, Universität Heidelberg)

Session Classification: Applications

Contribution ID: 11

Type: **not specified**

Grid Heterogeneity in In-silico Experiments: An Exploration of Drug Screening Using DOCK on Cloud Environments

Tuesday, 29 June 2010 12:20 (20 minutes)

Presenter: Dr YIM, Wen-wai (University of California, San Diego)

Session Classification: Applications

Contribution ID: 12

Type: **not specified**

CHOIS: Enabling grid technologies for obesity surveillance and control

Tuesday, 29 June 2010 12:40 (20 minutes)

Presenter: Dr DATTA, Arun (National University USA)

Session Classification: Applications

Contribution ID: 13

Type: **not specified**

Mean-Shift scale parameters optimization on the EGEE grid

Tuesday, 29 June 2010 13:00 (20 minutes)

Presenters: Ms TING, Li (CREATIS); Dr GLATARD, tristan (university of lyon ; creatis-lrmn)

Session Classification: Applications

Contribution ID: 14

Type: **not specified**

Web service catalogue for Biomedical GRID infrastructure

Tuesday, 29 June 2010 15:00 (20 minutes)

Presenter: GARCÍA, Max (University of Málaga Spain)

Session Classification: Core technologies and data integration

Contribution ID: 15

Type: **not specified**

Phylogenetic Code in the Cloud – Can it Meet the Expectations?

Tuesday, 29 June 2010 15:20 (20 minutes)

Presenter: Dr STOCKINGER, Heinz (Swiss Institute of Bioinformatics)

Session Classification: Core technologies and data integration

Contribution ID: 16

Type: **not specified**

Integrating TRENCADIS Components in gLite to Share DICOM Medical Images and Structured Reports

Tuesday, 29 June 2010 15:40 (20 minutes)

Presenter: Dr BLANQUER, Ignacio (Universidad Politécnica de Valencia, Spain)

Session Classification: Core technologies and data integration

Contribution ID: 17

Type: **not specified**

Research Traceability using Provenance Services for Biomedical Analysis

Tuesday, 29 June 2010 16:00 (20 minutes)

Presenter: Dr BLOODSWORTH, Peter (UWE, Bristol UK)

Session Classification: Core technologies and data integration

Contribution ID: **18**

Type: **not specified**

Grid-wide neuroimaging data federation in the context of the NeuroLOG project

Tuesday, 29 June 2010 17:00 (20 minutes)

Presenter: Mr GAINARD, Alban (CNRS)

Session Classification: Core technologies and data integration

Contribution ID: 19

Type: **not specified**

Sentinel e-health network on grid: developments and challenges

Tuesday, 29 June 2010 17:20 (20 minutes)

Presenter: Mr DE VLIEGER, Paul (CNRS -IN2P3)

Session Classification: Core technologies and data integration

Contribution ID: **20**

Type: **not specified**

Oral contribution n°13

Contribution ID: 21

Type: **not specified**

Oral contribution n°14

Contribution ID: 22

Type: **not specified**

A Survey of Grid Knowledge and Grid Perception in Public Administrations

Wednesday, 30 June 2010 10:45 (20 minutes)

Presenter: Mr ZHOU, Xin (Geneva University Hospitals and University of Geneva)

Session Classification: Accessibility and socio-economic aspects

Contribution ID: 23

Type: **not specified**

Programming distributed medical applications with XWCH2

Wednesday, 30 June 2010 11:05 (20 minutes)

Presenter: Mr BEN BELGACEM, Mohamed (University of Geneva)

Session Classification: Accessibility and socio-economic aspects

Contribution ID: 24

Type: **not specified**

Privacy aware access controls for medical data disclosure on European HealthGrids

Wednesday, 30 June 2010 12:00 (20 minutes)

Presenter: Dr SOLOMONIDES, Tony (UWE, Bristol UK)

Session Classification: Accessibility and socio-economic aspects

Contribution ID: 25

Type: **not specified**

On Transferring the Grid Technology to the Biomedical Community

Wednesday, 30 June 2010 12:20 (20 minutes)

Presenter: Mr MOHAMMED, Yassene (University of Hannover/Germany and AMC/Netherland)

Session Classification: Accessibility and socio-economic aspects

Contribution ID: 26

Type: **not specified**

Décryphon Grid - Grid Resources Dedicated to Neuromuscular Disorders

Wednesday, 30 June 2010 12:40 (20 minutes)

Presenter: BARD, Nicolas (CNRS)

Session Classification: Accessibility and socio-economic aspects

Contribution ID: 27

Type: **not specified**

Hitting the Ground Running: Healthgrid deployment and adoption

Wednesday, 30 June 2010 13:00 (20 minutes)

Presenter: Dr OLABARRIAGA, Silvia (AMC Netherlands)

Session Classification: Accessibility and socio-economic aspects

Contribution ID: 28

Type: **not specified**

Using Graphics Processors to Accelerate Protein Docking Calculations

Wednesday, 30 June 2010 15:00 (20 minutes)

Presenter: RITCHIE, David (INRIA Nancy - Grand Est France)

Session Classification: Future of grids

Contribution ID: 29

Type: **not specified**

CAPS sponsor talk

Wednesday, 30 June 2010 15:20 (20 minutes)

Presenter: Mr BIHAN, Stephane (CAPS)

Session Classification: Future of grids

Contribution ID: **30**

Type: **not specified**

Workshop: outGRID project Workshop

Conveners: Prof. Giovanni Frisoni (FateBeneFratelli, Italy)
(15:00 - 18:30)

Contribution ID: 31

Type: **not specified**

Presentation of the OutGrid project

Tuesday, 29 June 2010 17:40 (20 minutes)

Presenter: BARATTIERI, Chiara (Fatebenefratelli)

Session Classification: Core technologies and data integration

Contribution ID: 32

Type: **not specified**

Introduction, goal of the workshop

Monday, 28 June 2010 15:00 (10 minutes)

Session Classification: Workshop

Contribution ID: 33

Type: **not specified**

Finnish NGI / Nordic use community

Monday, 28 June 2010 15:10 (10 minutes)

Presenter: Dr PURSULA, Antti (CSC, Finland)

Session Classification: Workshop

Contribution ID: **34**

Type: **not specified**

NHRF, Greece

Contribution ID: 35

Type: **not specified**

NHRF, Greece

Monday, 28 June 2010 15:20 (10 minutes)

Aristotelis Chatziioannou

"Enabling distributed Processing and Management of Biological Data through fusion of Grid and Web Technologies"

Presenter: Dr CHATZIOANNOU, Aristotelis (National Hellenic Research Foundation Greece)

Session Classification: Workshop

Contribution ID: 36

Type: **not specified**

Swiss Grid community (Swiss National Grid Association (SwiNG), and Swiss Institute of Bioinformatics)

Monday, 28 June 2010 15:30 (10 minutes)

Life Science Grid Applications in Switzerland – Position Talk

Presenter: Dr STOCKINGER, Heinz (Swiss Institute of Bioinformatics)

Session Classification: Workshop

Contribution ID: 37

Type: **not specified**

German user group(s) (TBC)

Presenter: Dr KREFTING, Dagmar (Charité - Universitätsmedizin Berlin Germany)

Contribution ID: **38**

Type: **not specified**

German user group(s) (TBC)

Contribution ID: 39

Type: **not specified**

German user group(s) (TBC)

Contribution ID: 40

Type: **not specified**

German user group(s) (TBC)

Monday, 28 June 2010 15:40 (10 minutes)

Presenter: Dr KREFTING, Dagmar (Charité - Universitätsmedizin Berlin Germany)

Session Classification: Workshop

Contribution ID: 41

Type: **not specified**

Dutch user community and NGI

Monday, 28 June 2010 15:50 (10 minutes)

Presenter: Dr DELGADO OLABARRIAGA, Silvia (University of Amsterdam)

Session Classification: Workshop

Contribution ID: 42

Type: **not specified**

Dutch user community and NGI

Contribution ID: 43

Type: **not specified**

French user community

Monday, 28 June 2010 16:20 (10 minutes)

Presenter: Dr MONTAGNAT, Johan (CNRS)

Session Classification: Workshop

Contribution ID: 44

Type: **not specified**

Spanish user community

Monday, 28 June 2010 16:00 (10 minutes)

Presenter: Dr BLANQUER, Ignacio (Universidad Politécnica de Valencia, Spain)

Session Classification: Workshop

Contribution ID: 45

Type: **not specified**

FKPPL and Rhône-Alpes Virtual Organizations

Monday, 28 June 2010 16:45 (10 minutes)

Presenter: Mr CARDENAS, Yonny (CC-IN2P3)

Session Classification: Workshop

Contribution ID: 46

Type: **not specified**

LIBI Italian project

Monday, 28 June 2010 17:25 (10 minutes)

Presenter: CUSCELA, Guido (INFN, Italy)

Session Classification: Workshop

Contribution ID: 47

Type: **not specified**

eNMR EU project

Monday, 28 June 2010 17:05 (10 minutes)

Alexandre Bonvin, "WeNMR: A worldwide e-Infrastructure for NMR and structural biology"

Presenter: Dr VERLATO, Marco (INFN)

Session Classification: Workshop

Contribution ID: 48

Type: **not specified**

BILS_Sweden

Monday, 28 June 2010 17:15 (10 minutes)

Presenter: Dr BONGCAM-RUDLOFF, Erik (SLU)

Session Classification: Workshop

Contribution ID: 49

Type: **not specified**

Discussion

Monday, 28 June 2010 17:35 (55 minutes)

Session Classification: Workshop

Contribution ID: 50

Type: **not specified**

Italian Life-Sciences initiative

Monday, 28 June 2010 16:10 (10 minutes)

Presenter: Dr VERLATO, Marco (INFN)

Session Classification: Workshop

Contribution ID: 51

Type: **not specified**

LIFEWATCH

Monday, 28 June 2010 16:55 (10 minutes)

Presenter: Dr LOS, Wouter (UVA, Netherlands)

Session Classification: Workshop