

HealthGrid conference 2010

**Rapport sur les
contributions**

ID de Contribution: **0**

Type: **Non spécifié**

Title to be confirmed

Orateur: Dr OROZCO, Modesto (IRB Barcelona)

ID de Contribution: 1

Type: **Non spécifié**

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 Health-Grid 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”.

Orateur: Dr DZENOWAGIS, Joan (WHO)

ID de Contribution: 2

Type: **Non spécifié**

Title to be confirmed

Orateur: Dr OROZCO, Modesto (IRB Barcelona)

ID de Contribution: 4

Type: **Non spécifié**

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

mercredi 30 juin 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>

Orateur: Dr SCARLE, Simon (University of Warwick)

Classification de Session: Future of grids

ID de Contribution: 5

Type: **Non spécifié**

Short contributions

ID de Contribution: 6

Type: **Non spécifié**

Unconference

ID de Contribution: 7

Type: **Non spécifié**

Oral contributions selected through call for papers

ID de Contribution: 8

Type: **Non spécifié**

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

mardi 29 juin 2010 10:45 (20 minutes)

Orateur: M. DOAN, Trung Tung (HPC Center - Hanoi University of Technology)

Classification de Session: Applications

ID de Contribution: 9

Type: **Non spécifié**

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

mardi 29 juin 2010 11:05 (20 minutes)

Orateur: Mlle KREFTING, Dagmar (Charité - Universitätsmedizin Berlin)

Classification de Session: Applications

ID de Contribution: **10**

Type: **Non spécifié**

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

mardi 29 juin 2010 12:00 (20 minutes)

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

Classification de Session: Applications

ID de Contribution: 11

Type: **Non spécifié**

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

mardi 29 juin 2010 12:20 (20 minutes)

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

Classification de Session: Applications

ID de Contribution: 12

Type: **Non spécifié**

CHOIS: Enabling grid technologies for obesity surveillance and control

mardi 29 juin 2010 12:40 (20 minutes)

Orateur: Dr DATTA, Arun (National University USA)

Classification de Session: Applications

ID de Contribution: 13

Type: **Non spécifié**

Mean-Shift scale parameters optimization on the EGEE grid

mardi 29 juin 2010 13:00 (20 minutes)

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

Classification de Session: Applications

ID de Contribution: 14

Type: **Non spécifié**

Web service catalogue for Biomedical GRID infrastructure

mardi 29 juin 2010 15:00 (20 minutes)

Orateur: GARCÍA, Max (University of Málaga Spain)

Classification de Session: Core technologies and data integration

ID de Contribution: 15

Type: **Non spécifié**

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

mardi 29 juin 2010 15:20 (20 minutes)

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

Classification de Session: Core technologies and data integration

ID de Contribution: 16

Type: **Non spécifié**

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

mardi 29 juin 2010 15:40 (20 minutes)

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

Classification de Session: Core technologies and data integration

ID de Contribution: 17

Type: **Non spécifié**

Research Traceability using Provenance Services for Biomedical Analysis

mardi 29 juin 2010 16:00 (20 minutes)

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

Classification de Session: Core technologies and data integration

ID de Contribution: 18

Type: **Non spécifié**

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

mardi 29 juin 2010 17:00 (20 minutes)

Orateur: M. GAINARD, Alban (CNRS)

Classification de Session: Core technologies and data integration

ID de Contribution: **19**

Type: **Non spécifié**

Sentinel e-health network on grid: developments and challenges

mardi 29 juin 2010 17:20 (20 minutes)

Orateur: M. DE VLIEGER, Paul (CNRS -IN2P3)

Classification de Session: Core technologies and data integration

ID de Contribution: **20**

Type: **Non spécifié**

Oral contribution n°13

ID de Contribution: **21**

Type: **Non spécifié**

Oral contribution n°14

ID de Contribution: 22

Type: **Non spécifié**

A Survey of Grid Knowledge and Grid Perception in Public Administrations

mercredi 30 juin 2010 10:45 (20 minutes)

Orateur: M. ZHOU, Xin (Geneva University Hospitals and University of Geneva)

Classification de Session: Accessibility and socio-economic aspects

ID de Contribution: 23

Type: **Non spécifié**

Programming distributed medical applications with XWCH2

mercredi 30 juin 2010 11:05 (20 minutes)

Orateur: M. BEN BELGACEM, Mohamed (University of Geneva)

Classification de Session: Accessibility and socio-economic aspects

ID de Contribution: 24

Type: **Non spécifié**

Privacy aware access controls for medical data disclosure on European HealthGrids

mercredi 30 juin 2010 12:00 (20 minutes)

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

Classification de Session: Accessibility and socio-economic aspects

ID de Contribution: 25

Type: **Non spécifié**

On Transferring the Grid Technology to the Biomedical Community

mercredi 30 juin 2010 12:20 (20 minutes)

Orateur: M. MOHAMMED, Yassene (University of Hannover/Germany and AMC/Netherland)

Classification de Session: Accessibility and socio-economic aspects

ID de Contribution: 26

Type: **Non spécifié**

Décryphon Grid - Grid Resources Dedicated to Neuromuscular Disorders

mercredi 30 juin 2010 12:40 (20 minutes)

Orateur: BARD, Nicolas (CNRS)

Classification de Session: Accessibility and socio-economic aspects

ID de Contribution: 27

Type: **Non spécifié**

Hitting the Ground Running: Healthgrid deployment and adoption

mercredi 30 juin 2010 13:00 (20 minutes)

Orateur: Dr OLABARRIAGA, Silvia (AMC Netherlands)

Classification de Session: Accessibility and socio-economic aspects

ID de Contribution: 28

Type: **Non spécifié**

Using Graphics Processors to Accelerate Protein Docking Calculations

mercredi 30 juin 2010 15:00 (20 minutes)

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

Classification de Session: Future of grids

ID de Contribution: **29**

Type: **Non spécifié**

CAPS sponsor talk

mercredi 30 juin 2010 15:20 (20 minutes)

Orateur: M. BIHAN, Stephane (CAPS)

Classification de Session: Future of grids

ID de Contribution: **30**

Type: **Non spécifié**

Workshop: outGRID project Workshop

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

ID de Contribution: 31

Type: **Non spécifié**

Presentation of the OutGrid project

mardi 29 juin 2010 17:40 (20 minutes)

Orateur: BARATTIERI, Chiara (Fatebenefratelli)

Classification de Session: Core technologies and data integration

ID de Contribution: 32

Type: **Non spécifié**

Introduction, goal of the workshop

lundi 28 juin 2010 15:00 (10 minutes)

Classification de Session: Workshop

ID de Contribution: 33

Type: **Non spécifié**

Finnish NGI / Nordic use community

lundi 28 juin 2010 15:10 (10 minutes)

Orateur: Dr PURSULA, Antti (CSC, Finland)

Classification de Session: Workshop

ID de Contribution: 34

Type: **Non spécifié**

NHRF, Greece

ID de Contribution: 35

Type: **Non spécifié**

NHRF, Greece

lundi 28 juin 2010 15:20 (10 minutes)

Aristotelis Chatziioannou

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

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

Classification de Session: Workshop

ID de Contribution: 36

Type: **Non spécifié**

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

lundi 28 juin 2010 15:30 (10 minutes)

Life Science Grid Applications in Switzerland –Position Talk

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

Classification de Session: Workshop

ID de Contribution: 37

Type: **Non spécifié**

German user group(s) (TBC)

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

ID de Contribution: **38**

Type: **Non spécifié**

German user group(s) (TBC)

ID de Contribution: **39**

Type: **Non spécifié**

German user group(s) (TBC)

ID de Contribution: 40

Type: **Non spécifié**

German user group(s) (TBC)

lundi 28 juin 2010 15:40 (10 minutes)

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

Classification de Session: Workshop

ID de Contribution: 41

Type: **Non spécifié**

Dutch user community and NGI

lundi 28 juin 2010 15:50 (10 minutes)

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

Classification de Session: Workshop

ID de Contribution: 42

Type: **Non spécifié**

Dutch user community and NGI

ID de Contribution: 43

Type: **Non spécifié**

French user community

lundi 28 juin 2010 16:20 (10 minutes)

Orateur: Dr MONTAGNAT, Johan (CNRS)

Classification de Session: Workshop

ID de Contribution: 44

Type: **Non spécifié**

Spanish user community

lundi 28 juin 2010 16:00 (10 minutes)

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

Classification de Session: Workshop

ID de Contribution: 45

Type: **Non spécifié**

FKPPL and Rhône-Alpes Virtual Organizations

lundi 28 juin 2010 16:45 (10 minutes)

Orateur: M. CARDENAS, Yonny (CC-IN2P3)

Classification de Session: Workshop

ID de Contribution: 46

Type: **Non spécifié**

LIBI Italian project

lundi 28 juin 2010 17:25 (10 minutes)

Orateur: CUSCELA, Guido (INFN, Italy)

Classification de Session: Workshop

ID de Contribution: 47

Type: **Non spécifié**

eNMR EU project

lundi 28 juin 2010 17:05 (10 minutes)

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

Orateur: Dr VERLATO, Marco (INFN)

Classification de Session: Workshop

ID de Contribution: 48

Type: **Non spécifié**

BILS_Sweden

lundi 28 juin 2010 17:15 (10 minutes)

Orateur: Dr BONGCAM-RUDLOFF, Erik (SLU)

Classification de Session: Workshop

ID de Contribution: 49

Type: **Non spécifié**

Discussion

lundi 28 juin 2010 17:35 (55 minutes)

Classification de Session: Workshop

ID de Contribution: 50

Type: **Non spécifié**

Italian Life-Sciences initiative

lundi 28 juin 2010 16:10 (10 minutes)

Orateur: Dr VERLATO, Marco (INFN)

Classification de Session: Workshop

ID de Contribution: 51

Type: **Non spécifié**

LIFEWATCH

lundi 28 juin 2010 16:55 (10 minutes)

Orateur: Dr LOS, Wouter (UVA, Netherlands)

Classification de Session: Workshop