

Register Now

Meet the international health grid community and join 31 presentations of papers and posters 5 internationally renowned key note speakers and 9 demos, concurrent workshops and breakout sessions!

Don't miss the deadline for regular registration on June 15!

The 7th international HealthGrid conference brings together the fast-growing community of HealthGrid researchers and users and fosters closer interactions among them. The conference sessions address the multi-disciplinary educational and professional development needs of the community, including Grid middleware and Grid applications developers, Biomedical and health informatics users, Security specialists and Policy makers.

PAPERS AND POSTERS

Over 30 papers and scientific posters have been selected by the Scientific Review Committee which will be presented at the conference and published in the conference proceedings (see next page for a comprehensive list of presentations)

KEY NOTE SPEAKERS

We are happy to present the following high-profile key note speakers:

Joël Bacquet – European Commission, Brussels, Belgium

Peter V. Coveney – University College London, Department of Chemistry, UK

Carole Goble – University of Manchester, School of Computer Science, UK

Carl Kesselman – University of Southern California, Information Science Institute, USA

Jonathan Silverstein – Computation Institute at University of Chicago, Michigan, USA

CONCURRENT WORKSHOPS

Requirements for a Life Sciences Specific Support Centre

The EGEE project is going to come to an end in April 2010. In less than one year from now, it will be replaced by a federation of National Grid Initiatives. The European Grid Initiative (<http://www.egi.org>) aims at fostering synergy between the NGIs at different levels: middleware, training, user support, etc. Research communities currently exploiting the resources of EGEE

and its related projects are being encouraged to set up Specific Support Centres which would act as scientific gateways to the central EGI services and to the NGIs. The life sciences community, ranging from healthcare to bioinformatics through medical informatics, is currently very active on EGEE, representing more than 5% of the overall CPU usage. The goal of the workshop is to discuss the requirements for a Life Sciences Specific Support Centre. The workshop is an opportunity to enlarge the discussions around the needs for life sciences in Europe, to discuss the pros and cons of the different middlewares deployed on the European NGIs and to define a common strategy for the coming years. *Y. Legré et al.*

1st RADICAL Expert Workshop

Security and privacy challenges in personalised healthcare for the 21st century

While the integration of recorded medical and genetic data in distributed databases (i.e. genomic, pathologic, imaging and clinical data) is essential for the technologies and processes within the Virtual Physiological Human (VPH) framework, the broad use of personal data gives cause for reconsidering the secure access and comprehensive protection of privacy and choices. With this workshop RADICAL invites experts from the field and also the wider European audience to reflect the current state of privacy and security in the VPH and related clinical fields and as well to intensify collaboration in the framework of the VPH-NoE. *Z. Menevidis et al.*

TMF Grid Forum (invitees only)

The German Grid projects in the fields of medicine, medical research and life sciences collaborate in the TMF Grid Forum. Together, these projects serve to enhance national cooperation within D-GRID as well as international cooperation with HealthGrid at European level and caBIG in the US. The forum was established in 2008 as part of a joint workshop (MediGrid,

Services@MediGrid, MedInfoGrid) together with representatives from caBIG (US) and D-Grid.

Chair: A. Weisbecker

DEMONSTRATIONS

Health-e-Child – An integrated platform for European paediatrics based on a Grid-enabled network of leading clinical centres

ACGT – Advanced Clinico Genomic Trials on Cancer, a project aiming at developing open-source, semantic and grid-based technologies in support of post genomic clinical trials in cancer research

@neurIST – Integrated Biomedical Informatics for the Management of Cerebral Aneurysms, using high performance distributed computing with homogeneous data access and storage to heterogeneous data types

D-GRID – the German Grid Initiative develops a distributed, integrated resource platform for high-performance computing and related grid services

SESSIONS

Creative Commons

A discussion on HealthGrid and Creative Commons

T. Solomonides

Global Public Health Grid

The past decade has seen significant technological advances and the adoption of information systems by many countries. Yet the integration of these systems towards supporting global public health goals has not been achieved. Systems remain non-interoperable, leading to data and application silos, duplication of work, and costly efforts to integrate data. To address this, the World Health Organization (WHO) and the Centers for Disease Control and Prevention's National Center for Public Health Informatics (CDC/NCPHI) have jointly undertaken the Global Public Health Grid (GPHG) initiative, with the goal of advancing effective and efficient health information exchange. GPHG aims to improve global public health by advancing public

health information services that can be readily used across different jurisdictions and resource settings. GPHG goals, structure and architecture will be described in the presentation.

M. Kratz, J. Dzenowagis, M. Mirza

GENERAL INFORMATION

Online-Registration & Further Information

<http://berlin2009.healthgrid.org>

Fees

Regular (until June 15)

1 d: 150 € | 2 d: 300 € | 3 d: 420 €

Late (after June 15)

1 d: 180 € | 2 d: 360 € | 3 d: 500 €

On-site

1 d: 225 € | 2 d: 450 € | 3 d: 600 €

Conference Chair

Martin Hofmann-Apitius, Fraunhofer SCAI, Germany



Scientific Review Committee Chair

Tony Solomonides, University of West England, Bristol, UK



Local host

Sebastian C. Semler, TMF e.V. Berlin, Germany



HealthGrid President

Yannick Legré, Maat-G, Spain



Contact

contact-hg2009@healthgrid.org

Conference office

TMF e.V., Berlin, Germany

Phone +49 30 31 01 19 50

Fax +49 30 31 01 19 99

www.tmf-ev.de



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