

Call for Papers



HEALTHGRID 2009 CONFERENCE BERLIN

June 28 – July 1, 2009

KEY DATES

Call for papers opens:
18 December 2008

Call for papers closes:
1 February 2009

Registration opens:
1 February 2009

The HealthGrid Association is an initiative that brings together people from a variety of disciplines to promote awareness and use of Grid technologies in the biomedical sector. The HealthGrid community emphasizes a strong relationship among the private sector, government agencies, clinicians, and researchers

These connections foster the integration of Grid practices and tools into the fields of biology, medicine, and health. While the short-term goal of HealthGrid is to increase awareness of the power of grid technologies, the worldwide use of healthgrids is the ultimate aim.

The conference program of the seventh HealthGrid conference will include a number of high-profile keynote presentations, complemented by a set of refereed papers, which will be selected through the present call for papers. In addition to papers, poster and demonstration sessions will also be

selected through this call.

All selected papers will be published in the book series „Studies in Health Technology and Informatics“ published by IOS Press and referenced in PubMed. All conference participants will receive a complimentary copy of the articles on CD.

Information for authors

Contributions can be made as full research papers (up to 5,000 words in length and maximum 10 pages) and/or as demonstrations. Selection for oral or poster presentation will be based on the content of the submitted papers, the originality of their contribution, technical quality, style and clarity of presentation, and importance to the field.

All papers must be submitted electronically. Please refer to the conference website for upload instructions.

The guidelines for authors and support tools are those of the series „Studies in Health Technology and Informatics“ (see URLs below).

Papers are invited in, but not limited to, the following areas and topics:

A: ACCESSIBILITY

- The challenge of making Grid more accessible to bio-medical users
- Usability: “ready-to-run” HealthGrids?

B: CORE TECHNOLOGIES AND DATA INTEGRATION

- Grid technology versus web applications
- Data privacy: confidentiality in distributed medical information systems – and the security challenges
- Semantic techniques and the challenge of integrating heterogeneous biomedical data
- Visualization in Grids
- Next generation HealthGrids: self adaptive systems

C: APPLICATIONS

- HealthGrids for genetics and epidemiological studies
- PharmaGrids: supporting pharma research on grids
- Grid computing and the Virtual Physiological Human (VPH)

D: SOCIOECONOMIC ASPECTS

- Grid business aspects: sustainability and go-to-market strategies
- Experiences on production Grid used in real business
- Grid sociology: how to win society for Grids?

E: THE FUTURE OF GRIDS

- Cloud computing, on-demand computing
- New demands beyond technology?

F: DEMONSTRATORS

- Demonstrators for HealthGrid at Work

Contact:

Conference website:

Book series webpage:

Author templates:

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<http://berlin2009.healthgrid.org>

<http://www.iospress.nl/loadtop/load.php?isbn=shti>

<http://www.iospress.nl/authco/iospressbookarticle-word.zip>

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

Date:

June 28 - July 1, 2009

Conference location:

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