



<http://amsterdam2012.healthgrid.org>

21-25 May, 2012

<http://iwsg-life.org/2012>

Conferences at a glance

The tenth [HealthGrid conference](#) and the fourth [IWSG-Life](#) (International Workshop on Science Gateways for Life Sciences) will take place at the [Amsterdam Medical Centre of the University of Amsterdam](#) from Monday 21st to Friday 25th May 2012. These events offer the opportunity to introduce and share novel ideas for the integration of grid, cloud and other e-infrastructures into the fields of biology, bioinformatics, biomedicine and healthcare. The topics cover fundamental and practical aspects of middleware, technologies, applications and deployment issues, ranging from grid technologies to clouds, from life science research to healthcare, and from user portals to scientific workflow management, data management and computational modeling.

The programme will include high profile keynote presentations complemented by a set of selected papers, tutorials and demonstrations. Three special tracks are planned: joint session on *Scientific Gateways for Healthcare*; a *Retrospective* of the evolution and challenges of the field in the past 10 years, the current activities of the European *Life-Science Grid Community* (LSGC). In addition a discussion chaired by EGI.eu will address requirements for scientific gateways in life sciences. Scientific contributions will be proceedings published in the PubMed-referenced IOS press series "[Studies in Health Technology and Informatics](#)".

Topics to be addressed by the HealthGrid conference and the IWSG-Life workshop include

- Challenges in the accessibility and adoption of e-Infrastructures by biomedical users.
- Core technologies, infrastructures, middleware, algorithms and tools.
- Security and protection of medical data.
- Knowledge integration and management.
- Applications, in particular to bioinformatics, biomedical informatics, medical imaging, public health informatics, epidemiological studies, drug discovery, clinical tests and virtual physiological human.
- Socio-economic aspects, integration of healthgrid and cloud applications into clinical practice, sustainability and market strategies, virtual organizations and their sociology.
- Management of biological high-throughput data
- Molecular simulations for drug discovery
- Portal technology and portal construction methods
- Usage models and gateway tools for life sciences
- Security aspects of Science Gateways for life sciences
- Usability studies of life sciences portals/gateways
- Workflows and service composition for life sciences
- Service discovery and ontologies for life sciences
- Tools for managing grid and cloud portability
- Integration of life sciences with e-infrastructures

Sponsorship

Currently HealthGrid 2012 and IWSG-Life 2012 are sponsored by the AMC and EGI.eu, but we seek additional sponsorship, for example, in the following forms:



- Contribution in value
- Support to publish the proceedings
- Conference logistics: registration and participants reception
- Conference and workshop dinner, reception, lunch and coffee breaks (50-100 people estimated)
- Travel and registration expenses of keynote speakers

The sponsor's logo will be published at the events' websites, banners, distributed materials and USB flash drives. There is also limited room for physical presence for distribution of materials or demonstrations.

Per 1000 € of sponsorship, one participant indicated by the sponsor is relieved from the registration fee.

Please contact *Silvia Delgado Olabbarriaga*, *S.D.Olabbarriaga* <at> *amc.uva.nl* if you consider sponsoring the events.