

7th International Workshop on Grid Computing for Complex Problems GCCP 2011

October 24-26, 2011

Institute of Informatics, Slovak Academy of Sciences, Bratislava, Slovakia

Website: <http://conference.ui.sav.sk/gccp2011/>



The yearly meeting place of top researchers and practitioners in e-Science related to Grid Technologies, GCCP is one of the largest conferences in Central Europe in its area organized on a yearly basis, where many top researchers are regularly presenting their work. During its previous 6 years of existence, 30 distinguished keynote speakers were invited to attend and share their knowledge, thus reinforcing GCCP quality.

The aim of the conference is to inform the wide professional public, special and scientific workers from industry, research institutions, Academy of Sciences, project and supplying organizations, and technical universities and high schools about the newest knowledge in the area of grid computing and to ensure exchange of their experience.

MAIN TOPIC AREAS

GCCP 2011 invites researchers and practitioners to submit papers that contribute results of research in Grid Computing for Complex Problems as well as papers that report on industrial IT projects. Contributions are welcome in, but not limited to the following topics of interests:

- Bio-applications
- Computational Chemistry & Material Science
- Life Sciences
- Environmental applications and Distributed Computing
- Earth Science
- Astronomy & Astrophysics
- High energy Physics
- Business benefits and challenges of grid in Financial Markets
- Data Movement Mechanisms – Data Grid
- Grid and Service-oriented Computing
- Distributed Computing and Large Scale Applications
- High Performance Distributed Computing and Large Scale Simulation
- Use of Knowledge and Semantics in Distributed Computing
- Research Infrastructures
- National and International Grid Projects
- Grid Tutorials
- Grid Access
- Workflow and Parallelism
- Interoperability and Resource Utilization

PROGRAM COMMITTEE (to be completed)

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Ján Astaloš	II SAS Bratislava SK
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Viet Tran	II SAS Bratislava SK
Claudio Vuerli	INAF Trieste Italy
Ivan Zahradník	IMPG SAS Bratislava SK
Peter Závodný	EU Bratislava SK

Special sessions:

- Querying large data sets using design patterns
- Crisis situations predictions and solutions
- Grid computing for Astronomy & Astrophysics

Associate action: Training Courses for EGI Infrastructure Users

Language of the conference: English

IMPORTANT DATES

Extended abstract (2 pages) submission: **September 5, 2011**
Author notification: **September 12, 2011**
Camera ready final papers and Registration: **September 19, 2011**

PAPER SUBMISSION:

All submitted papers will be peer reviewed. Accepted papers will be published in the conference proceedings, under an ISBN reference, in paper. Papers should not exceed 8 pages in Springer-Verlag LNCS style. Please note that at least one author of each accepted paper must register for the conference. Information about registration will be available after the submission deadline. Please enter our CONFERENCE'S SYSTEM to submit a paper <http://conference.ui.sav.sk/gccp2011/commence/>

Organizing committee:

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