

# Cracow '05 Grid Workshop

**The Fifth Cracow Grid Workshop (CGW'05)** was organized jointly by the Academic Computer Centre CYFRONET AGH, the Institute of Nuclear Physics PAN and the Institute of Computer Science AGH. The Workshop was held on the premises of IFJ PAN from 21 to 23 November 2005.



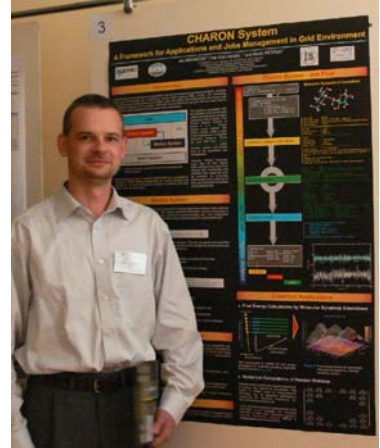
CGW'05 in short:

- Some 120 participants (47 from outside Poland) representing several EU countries – Austria, Belgium, Czech Republic, France, Germany, Ireland, Latvia, Slovakia, Slovenia, Spain, Switzerland, The Netherlands, the UK as well as the USA – took part in the Workshop and 87 computer science and computational physics students from Cracow universities also attended the event;
- 5 keynote and 7 invited lectures;
- 67 contributed papers;
- two Grid tutorials (held on the premises of the University of Science and Technology).



Among the invited speakers of the Workshop were Bob Hertzberger from the University of Amsterdam, Lennart Johnsson from the University of Houston, Vaidy Sunderam from the Emory University in Atlanta, Ziga Turk from the University of Ljubljana, as well as people responsible for various European Grid projects: Fabrizio Gagliardi from CERN and Microsoft (former manager of two of the largest European Grid projects – DataGrid and EGEE), Dieter Kranzlmüller from GUP, Linz – present

manager of the EGEE project and the Austrian Grid, Per Öster from the Royal Institute of Technology in Stockholm – manager of the BalticGrid project, Piotr Bala – representative of ICM Warsaw and the UniGridS project, Jarek Nabrzyski from PSNC – former manager of GridLab and Roman Wyrzykowski from the University of Technology in Czestochowa – responsible for the Polish national project CLUSTERIX.



Tutorials with hands-on exercises were devoted to the GridMiner (Building Intelligent Grid Systems), EGEE (gLite) and CrossGrid (Performance Monitoring Tools) projects. These tutorials were attended by about 60 persons in total out of which 20 were from Estonia, Latvia and Lithuania.



Around 67 contributed papers were accepted for presentation during the Workshop. Together, they provided a very good overview of the research activity in the area of Grid computing:

- workflows and semantics,
- resource management,
- monitoring,
- data management,
- Grid middleware,
- security,
- software development,
- applications.

Aside of the EU IST projects of both FP5 and FP6 (such as CrossGrid, UNICORE, EGEE, K-Wf Grid, CoreGRID, InteliGrid) the papers also presented developments in

the framework of the Polish Grid project CLUSTERIX funded by the State Committee for Scientific Research. Industrial presentations were delivered by Gridwise Technologies and ATM.

Some of the contributed papers were presented as posters. It is worth mentioning that for the first time a best-poster competition was conducted and three prizes were given.



The papers will be published in conference proceedings after the conference, as was the case for CGW'02, CGW'03 and CGW'04.

The detailed program of CGW'05 as well as some abstracts and presentations are available at:

**<http://www.cyf-kr.edu.pl/cgw05/>**