



Program at a Glance

6– 9 June 2004, Krakow, Poland

Organizer: ACC CYFRONET AGH

Venue: AGH University of Science and Technology

D-10 — the main conference building, Wydział Fizyki i Techniki Jądrowej AGH, ul. Reymonta 19

D-11 — the pavilion adjacent to D-10

C-2, C-1 — the pavilions at the corner of the Czarnowiejska and Mickiewicza streets (5 min. walk from D-10)

Hotel Polonez — the place of conference lunches, ul. Reymonta 15 (300 m from D-10 and C-2/C-1)

A-0 — the main building of the AGH - ul. Mickiewicza 30

Op - Opening

K1 - Semantic Grid

K2 - Combining Direct and Iterative Methods for the Solution of Large Sparse Systems in Different Application Areas

K3 - True Grid: What Makes a Grid Special and Different?

K4 - Computational Multi-Field Visualization

K5 - On the Pathology of High Performance Computing

I1 - From ICCS'2003 to ICCS'2004

I2 - SGI: Future Technological Trends and its Application to Business Design and Innovation

I3 - Intel: The Future Challenges and Opportunities for COTS in HPC

I4 - HP: Processors, Servers, Clusters and Grids. Status and Trends

I5 - IBM's Grid Computing Strategy

TUT1 - Practical Introduction to Grid, Grid Services Globus Toolkit 3

TUT2 - Software Engineering Methods for Computational Science

TUT3 - CrossGrid Tutorial

TUT4 - Building InfiniBand* Based High Performance Compute Clusters Using HPC Middleware Packages

TUT5 - Cooperative Resource Sharing with H2O and Harness

Parallel sessions:

T1 - Parallel and Distributed Computing

T2 - Grid Computing

T3 - Models and Algorithms

T4 - Data Mining and Data Bases

T5 - Networking

T6 - Numerical Algorithms

T7 - Finite Element Method

T8 - Neural Networks

T9 - Applications

PD1 - Future Grid Systems

WS2 Advanced Methods of Digital Image Processing

WS3 Computational Modeling of Transport on Networks

WS4 Tools for Program Development and Analysis in Computational Science

WS5 Computing in Science and Engineering Academic Programs

WS6 Computer Graphics and Geometric Modelling (CGGM 2004)

WS7 Computer Algebra Systems and Applications (CASA 2004)

WS9 Parallel Input/Output Management Techniques (PIOMT 2004)

WS10 Gene, Genome and Population Evolution

WS11 Modern Technologies for Web-Based Adaptive Systems

WS12 Agent Day 2004 - Intelligent Agents in Computing Systems

WS13 Modeling and Simulation in Supercomputing and Telecommunications

WS16 Programming Grids and Metasystems

WS18 Simulation and Modeling of 3D Integrated Circuits

WS19 OpenMP for Large Scale Applications

WS20 Dynamic Data Driven Applications Systems

WS22 Practical Aspects of High-Level Parallel Programming (PAPP2004)

WS23 Evolvable Hardware

WS24 Computational Methods in Finance and Insurance

WS25 Information Technologies Enhancing Health Care Delivery

WS26 GeoComputation

WS27 Interactive Visualisation and Interaction Technologies

WS28 Modelling and Simulation of Multi-Physics Multi-Scale Systems

WS29 QoS Routing

WS32 Parallel Monte Carlo Algorithms for Diverse Appl. in a Distributed Setting

WS33 New Num. Methods for DEs: Appl. to Linear Algebra, Control and Engin.

WS37 Next Generation Computing

WS38 Active and Programmable Grids Architectures and Components

WS39 Computational Modeling and Simulation on Biomechanical Engineering

WS40 HLA-Based Distributed Simulation on the Grid

WS41 Computational Economics and Finance

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| Sunday | |
| 13.00 - 19.30 | <i>Registration - pavilion D-10, groundfloor, office: room 1 ; conference proceedings: room 20</i> |
| 15.00 - 18.30 | <i>TUT1 - Practical Introduction to Grid, Grid Services Globus Toolkit 3 - pav. C-2, room 224</i> |
| 15.00 - 18.30 | <i>TUT2 - Software Engineering Methods for Computational Science - pav. C-2, room 429</i> |
| 19.00 - 21.30 | <i>Welcome Reception, Opening - Aula of the AGH /pav. A-0/, Al. Mickiewicza 30</i> |



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|-----------------|---------------|------------|------------|------------|-------------|-------------|-------------|---------------|---------------|-------------|-------------|-------------|-------------|-------------|
| Building | D-10 | C-1 | C-2 | C-2 | D-10 | D-10 | D-11 | D-10 | D-11 | D-10 | D-10 | D-10 | D-10 | D-10 |
| Floor | ground | IV | II | IV | I | I | I | ground | ground | I | III | I | II | II |
| Room | 1 | 406 | 224 | 429 | 108 | B | 104 | 18 | 18 | A | 304 | 123 | 224 | 226 |

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|---------------|---------------|-----------|-------------|------------|-------------|-------------|-------------|------------|-----------|------------|-------------|-------------|-------------|------------|
| MONDAY | | | | | | | | | | | | | | |
| 07.30 - 19.00 | office | | | | | | | | | | | | | |
| 08.15 - 08.30 | | | Op | | Op | Op | | | | Op | | | | |
| 08.30 - 09.20 | | | I1 | | I1 | I1 | | | | I1 | | | | |
| 09.20 - 10.00 | | | K1 | | K1 | K1 | | | | K1 | | | | |
| 10.00 - 10.30 | | | I2 | | I2 | I2 | | | | I2 | | | | |
| 11.00 - 12.40 | | | T2 | WS5 | T8 | WS20 | WS11 | WS3 | T6 | T9 | WS7 | WS28 | WS41 | WS2 |
| 14.30 - 16.10 | | | T2 | WS5 | T3 | WS20 | WS11 | WS3 | T6 | T9 | WS7 | WS28 | WS41 | WS2 |
| 16.40 - 18.40 | | T2 | WS40 | T1 | WS20 | WS9 | WS13 | T6 | T9 | WS7 | WS28 | WS18 | WS23 | |

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| TUESDAY | | | | | | | | | | | | | | |
| 08.00 - 18.00 | office | | | | | | | | | | | | | |
| 08.30 - 09.10 | | | K2 | | K2 | K2 | | | | K2 | | | | |
| 09.10 - 09.50 | | | K3 | | K3 | K3 | | | | K3 | | | | |
| 09.50 - 10.20 | | | I3 | | I3 | I3 | | | | I3 | | | | |
| 10.50 - 12.30 | | | WS16 | WS25 | T4 | WS20 | WS37 | WS13 | WS33 | T9 | WS6 | WS28 | WS24 | WS10 |
| 14.30 - 16.10 | | | WS16 | WS25 | T4 | WS20 | WS37 | T5 | WS33 | T9 | WS6 | WS27 | WS24 | WS10 |
| 16.40 - 18.20 | | | TUT5 | WS38 | WS22 | T4 | WS20 | WS19 | T5 | T7 | T9 | WS6 | WS27 | WS24 |
| 18.45 - 23.00 | <i>Folk Party - outside Cracow, departure from a parking of D-10 pavilion</i> | | | | | | | | | | | | | |

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| WEDNESDAY | | | | | | | | | | | | | | | |
| 08.00 - 17.00 | office | | | | | | | | | | | | | | |
| 08.30 - 09.10 | | | K4 | | K4 | K4 | | | | K4 | | | | | |
| 09.10 - 09.50 | | | K5 | | K5 | K5 | | | | K5 | | | | | |
| 09.50 - 10.20 | | | I4 | | I4 | I4 | | | | I4 | | | | | |
| 10.50 - 12.30 | | | TUT3 | WS38 | WS4 | I5 | WS26 | WS29 | | WS39 | T9 | WS6 | WS27 | WS12 | WS32 |
| 14.30 - 16.10 | | | WS38 | WS4 | | WS26 | WS29 | TUT4 | WS39 | T9 | WS6 | WS27 | WS12 | WS32 | |
| 16.40 - 18.20 | | | PD1 | | | | | | | | | | | | |
| 19.30 - 22.00 | <i>Conference Dinner - in the Archeological Museum Gardens, ul. Senacka 3</i> | | | | | | | | | | | | | | |