

Grid Computing for Complex Problems, Slovakia

Report of Contributions

Contribution ID: 1

Type: **not specified**

Grid Computing in Projects of IISAS (Gridove pocitanie v projektoch UI SAV)

Tuesday 29 November 2005 10:30 (45 minutes)

Author: LADISLAV HLUCHY (IISAS, Bratislava)

Presenter: LADISLAV HLUCHY (IISAS, Bratislava)

Session Classification: session 1

Contribution ID: 2

Type: **not specified**

EGEE middleware for grid application developers

Tuesday 29 November 2005 11:15 (1 hour)

Author: MIROSLAV RUDA (CESNET)

Presenter: MIROSLAV RUDA (CESNET)

Session Classification: session 1

Contribution ID: 3

Type: **not specified**

welcome

Tuesday 29 November 2005 10:15 (10 minutes)

Author: LADISLAV HLUCHY (IISAS, Bratislava)

Presenter: LADISLAV HLUCHY (IISAS, Bratislava)

Session Classification: session 1

Contribution ID: 4

Type: **not specified**

Selected Part of Solving Sparse System over Z_2 via Block Lanczos Algorithm

Wednesday 30 November 2005 16:55 (25 minutes)

Author: VLADISLAV NOVAK (FEI STU Bratislava)

Presenter: VLADISLAV NOVAK (FEI STU Bratislava)

Session Classification: session 4

Contribution ID: 5

Type: **not specified**

E-veda v EGEE - virtualne organizacie

Wednesday 30 November 2005 15:25 (20 minutes)

Author: ADRIAN TOTH, TOMAS DARANYI (IISAS, Bratislava)

Presenter: ADRIAN TOTH, TOMAS DARANYI (IISAS, Bratislava)

Session Classification: session 4

Contribution ID: 6

Type: **not specified**

Aplikacie superpocitacov v kvantovej chemii (Supercomputers applications in quantum chemistry)

Wednesday 30 November 2005 17:20 (30 minutes)

Author: MARTIN BREZA (CHTF STU Bratislava)

Presenter: MARTIN BREZA (CHTF STU Bratislava)

Session Classification: session 4

Contribution ID: 7

Type: **not specified**

Collaboration and Knowledge Sharing in Grid Applications

Wednesday 30 November 2005 17:50 (25 minutes)

Author: MICHAL LACLAVIK (IISAS, Bratislava)

Presenter: MICHAL LACLAVIK (IISAS, Bratislava)

Session Classification: session 4

Contribution ID: 8

Type: **not specified**

CERN/LHC experiments ATLAS, ALICE and their computational requirements on GRID

Wednesday 30 November 2005 14:20 (30 minutes)

Author: BLAHOSLAV PASTIRCAK (UEF SAV, Kosice)

Presenter: BLAHOSLAV PASTIRCAK (UEF SAV, Kosice)

Session Classification: session 4

Contribution ID: 9

Type: **not specified**

GRID TECHNOLOGIE V MODELOVANÍ DOPRAVNEJ PROBLEMATIKY

Wednesday 30 November 2005 13:25 (30 minutes)

Author: PETER KVASNICA (CIT Trencin)

Presenter: PETER KVASNICA (CIT Trencin)

Session Classification: session 4

Contribution ID: 10

Type: **not specified**

A Real-Coded Genetic Algorithm for the Determination of Liquids Refraction Index

Wednesday 30 November 2005 13:55 (25 minutes)

Author: JANA PIGOSOVA (UM SAV, Bratislava)

Presenter: JANA PIGOSOVA (UM SAV, Bratislava)

Session Classification: session 4

Contribution ID: 11

Type: **not specified**

e-Science: Experiences with utilization of the grid computational model based on using the ARC middleware

Wednesday 30 November 2005 14:50 (35 minutes)

Author: JOZEF CERNAK (UPJS Kosice)

Presenter: JOZEF CERNAK (UPJS Kosice)

Session Classification: session 4

Contribution ID: **12**

Type: **not specified**

Authentication in Grid

Wednesday 30 November 2005 16:05 (25 minutes)

Author: ADRIAN BAGALA (FIIT STU Bratislava)

Presenter: ADRIAN BAGALA (FIIT STU Bratislava)

Session Classification: session 4

Contribution ID: 13

Type: **not specified**

ENVIROMENTAL ASSESMENT OF CLIMATE-CHANGE DRIVEN RISKS IN LANDSCAPE –DECISION SUPPORT TOOL

Wednesday 30 November 2005 16:30 (25 minutes)

Author: RASTISLAV SKALSKY (VUPOP Bratislava)

Presenter: RASTISLAV SKALSKY (VUPOP Bratislava)

Session Classification: session 4

Contribution ID: 14

Type: **not specified**

Interactive Result Visualization on the Grid

Tuesday 29 November 2005 13:40 (1 hour)

Author: PAUL HEINZLREITER (GUP, Johannes Kepler University Linz)

Presenter: PAUL HEINZLREITER (GUP, Johannes Kepler University Linz)

Session Classification: session 2

Contribution ID: 15

Type: **not specified**

Virtual Laboratory - closer the eScience

Tuesday 29 November 2005 14:40 (55 minutes)

Author: MARCIN LAWENDA (PSNC Poznan)

Presenter: MARCIN LAWENDA (PSNC Poznan)

Session Classification: session 2

Contribution ID: 16

Type: **not specified**

FloodGrid demo (CrossGrid project)

Tuesday 29 November 2005 17:05 (25 minutes)

Author: MIROSLAV DOBRUCKY (IISAS, Bratislava)

Presenter: MIROSLAV DOBRUCKY (IISAS, Bratislava)

Session Classification: session 2

Contribution ID: 17

Type: **not specified**

K-Wf Grid project demo

Tuesday 29 November 2005 17:30 (30 minutes)

Author: ONDREJ HABALA (IISAS, Bratislava)

Presenter: ONDREJ HABALA (IISAS, Bratislava)

Session Classification: session 2

Contribution ID: **18**

Type: **not specified**

P-GRADE Portal: Towards a User-friendly Grid Environment

Tuesday 29 November 2005 16:05 (1 hour)

Author: MIKLOS KOZLOVSZKY (MTA SZTAKI, Budapest)

Presenter: MIKLOS KOZLOVSZKY (MTA SZTAKI, Budapest)

Session Classification: session 2

Contribution ID: **19**

Type: **not specified**

Mediterranean Grid of Multi-Risk Data and Models

Wednesday 30 November 2005 09:15 (30 minutes)

Author: MIROSLAV DOBRUCKY (IISAS, Bratislava)

Presenter: MIROSLAV DOBRUCKY (IISAS, Bratislava)

Session Classification: session 3

Contribution ID: 20

Type: **not specified**

Grids and User Applications

Wednesday 30 November 2005 09:45 (35 minutes)

Author: VIERA SIPKOVA (IISAS, Bratislava)

Presenter: VIERA SIPKOVA (IISAS, Bratislava)

Session Classification: session 3

Contribution ID: 21

Type: **not specified**

Job management in the LCG-type Grid

Wednesday 30 November 2005 10:20 (30 minutes)

Author: MIROSLAV DOBRUCKY (IISAS, Bratislava)

Presenter: MIROSLAV DOBRUCKY (IISAS, Bratislava)

Session Classification: session 3

Contribution ID: 22

Type: **not specified**

IEPSAS-Kosice: experiences in running LCG site

Wednesday 30 November 2005 10:50 (25 minutes)

Author: MARIAN BABIK (IISAS, Bratislava)

Presenter: MARIAN BABIK (IISAS, Bratislava)

Session Classification: session 3

Contribution ID: 23

Type: **not specified**

Latest advances in fully coupled thermal structural calculations using finite element method (FEM) with new energy conservation equation

Wednesday 30 November 2005 11:35 (30 minutes)

Author: LADISLAV ECSI (SjF STU Bratislava)

Presenter: LADISLAV ECSI (SjF STU Bratislava)

Session Classification: session 3

Contribution ID: 24

Type: **not specified**

Simulation of Data Flow Architecture in Parallel environment

Wednesday 30 November 2005 12:05 (25 minutes)

Author: MAREK STRAKA (FEI TU Kosice)

Presenter: MAREK STRAKA (FEI TU Kosice)

Session Classification: session 3

Contribution ID: 25

Type: **not specified**

Panel discussion

Thursday 1 December 2005 11:20 (1h 10m)

“Future of Grid computing in Slovakia.”

Session Classification: session 5

Contribution ID: 26

Type: **not specified**

Knowledge Assimilation for Performance Prediction of Grid Services for optimal Workflow Execution

Thursday 1 December 2005 09:40 (35 minutes)

Author: ZOLTAN BALOGH (IISAS, Bratislava)

Presenter: ZOLTAN BALOGH (IISAS, Bratislava)

Session Classification: session 5

Contribution ID: 27

Type: **not specified**

Grid infrastructures in Central Europe

Thursday 1 December 2005 10:40 (20 minutes)

Author: JAN ASTALOS (IISAS, Bratislava)

Presenter: JAN ASTALOS (IISAS, Bratislava)

Session Classification: session 5

Contribution ID: 28

Type: **not specified**

Ordered Fuzzy Decision Tree Building in Parallel

Thursday 1 December 2005 10:15 (25 minutes)

Author: PENKA MARTINCOVA (ZU, Zilina)

Presenter: PENKA MARTINCOVA (ZU, Zilina)

Session Classification: session 5