



2nd Workshop Platform IAC „Computer Science & Applied Computing“

Friday, May 4th, 2007
University of Innsbruck
Lecture Hall: HSB1
(Technikerstraße 13b, Hörsaaltrakt Baufakultät)

Programme:

Reports from the Research Platform IAC and the Research Areas (SP)

- 13:00 Status report on the Platform IAC (Alexander Kendl)
- 13:20 Status report on SP „Computer Science“ (Thomas Fahringer)
- 13:40 Status report on SP „Computational Engineering“ (Günter Hofstetter)
- 14:00 Status report on SP „High Performance Computing“ (Sabine Schindler)
- 14:20 Coffee break

Research highlights: Short presentations on selected recent projects

- 15:00 Radu Prodan (Distributed and Parallel Systems Group):
On porting UIBK scientific applications onto the Grid with Askalon
- 15:15 Barbara Weber (Quality Engineering Group):
Agile cooperative process-aware information systems
- 15:30 Martin Pfurner (Arbeitsbereich für Geometrie und CAD):
Algorithmic and numerical solution of the inverse kinematics of 6-revolute linkage mechanisms
- 15:45 Johannes Nemmert and Stefan Walder (Arbeitsbereich für Wasserbau):
Examples of numerical simulations in hydraulic engineering
- 16:15 Josef Seebacher (Theoretische Physik):
A 3D trace ion module for fusion edge plasma Monte-Carlo codes
- 16:00 Otmar Scherzer (Infmath Imaging):
Visualisation and filtering of high-dimensional data

Discussion

- 16:30 Future activities of the Platform IAC:
Teaching, funding & grants, industry connections, collaborations,...