

Programme of LOFAR-Workshop at 15 and 16 December 2005 in Jülich

Venue: Hörsaal in ZAM

Thursday, December 15, 2005

13.00 h	<i>Registration</i>
14.00 h	Opening Session Thomas Lippert, Research Centre Jülich
14.15 h	Introduction to LOFAR Ralf-Jürgen Dettmar, University of Bochum
14.45 h	The Initial LOFAR Key Science Projects Heino Falcke, ASTRON
15.10 h	Key Science Projects and Science Network in Germany Rainer Beck, MPI for Radioastronomy Bonn
15.35 h	LOFAR System Overview Kjeld van der Schaaf, ASTRON
16.00 h	<i>Coffee break</i>
16.30 h	LOFAR Station System Andre Gunst, ASTRON
16.55 h	Cosmic Ray Detection Lars Bähren, ASTRON
17.20 h	LOFAR Networks Peter Maat, ASTRON
17.45 h	X-WiN - an Infrastructure for High Performance Applications Martin Wilhelm, DFN-Verein, Berlin
18.10 h	AstroGrid – a Community Project of the German e-Science Programme Matthias Steinmetz, Astrophysical Institute Potsdam
18.45 h	<i>End of session</i>
18.50 h	Bus transfer to Burg Obbendorf, Hambach
19.15 h	Conference Dinner at Burg Obbendorf
22.00 h	Bus transfer to hotels in Jülich

Friday, December 16, 2005

- 08.30 h **Grid-enabling LOFAR: a grid-based approach to post processing and data archiving**
Peter-Paul Borsboom, SARA, Amsterdam
- 08.55 h **A dCache based Storage Element for Data Grids**
Boris Orth, Research Centre Jülich
- 09.20h **LOFAR Central Processing Facility**
Chris Broekema, ASTRON
- 09.45 h **Scalability and BlueGene/L**
Arnold Meijster, University of Groningen
- 10.10 h **SCSQ, SuperComputer Stream Queries - an Implementation of a Stream Data Management System for BlueGene**
Erik Zeitler, University of Uppsala
- 10.35 h *Coffee break*
- 11.05 h **N-Body Simulation - an Example for High Performance Computing and Visualization**
Andreas Ernst, Research Centre Jülich / University of Heidelberg
- 11.30 h **Distributed, Interactive Visualization, Feature Detection and Collaboration**
Ulrich Lang, University of Cologne
- 11.55 h **A Process Coordinator for the Planck-Satellite**
Hans-Martin Adorf, MPI für Astrophysik, Garching
- 12.20 h **High Throughput Data Processing and Analysis Services Toolkit for LOFAR**
Rainer Stotzka, Research Centre Karlsruhe
- 12.45 h **Closing remarks**
- 13.00 h *End of the workshop*