



Splinter Meeting ESC

Day 1

e-Science in Astronomy: General Picture

Tue, 22.9.2009, 15:00h - 17:30h

Room S13 (Haus 6, upper floor, 1.10)

Talk duration: 20 min. + 5 min. discussion

- 1. Introduction: e-Astronomy in Germany**
Harry Enke (AIP)
- 2. The CDS and the Virtual Observatory**
Bernd Vollmer (CDS)
- 3. GAVO: Mining the
(real and virtual) Universe**
Gerard Lemson (ZAH)

- Coffee Break -

- 4. Towards Grids of Robotic Telescopes**
Thomas Granzer (AIP)
- 5. The Future of e-Astronomy in Germany**
*H. Enke, F. Hessmann, M. Steinmetz,
A. Szalay, B. Vollmer, J. Wambsganß*

e-Science:
new tools
for research
in Astronomy

Day 2

e-Science in Astronomy: Tools and Applications

Thu, 24.9.2009, 15:00 - 17:30h

Room S13 (Haus 6, upper floor, 1.10)

Talk duration: 10 min. + 5 min. discussion

- 1. The GAVO Data Center**
Markus Demleitner (ZAH)
- 2. Digitising Historical Astronomical Data**
Iliya Nickelt (AIP)
- 3. High performance Data Centers in
Astronomy**
Thomas Bretz (Univ. Würzburg)
- 4. Green Grid: High Speed with Low
Power Consumption**
Klaus Rieger (ZAH)

- Coffee Break -

- 5. LOFAR Challenges**
James R. Anderson (MPIfR)
- 6. The IVOA Vocabulary Effort**
Frederick Hessman (Univ. Göttingen)
- 7. Scalable Parallel Scientific Data
Processing**
Benjamin Gufler (TUM)
- 8. The Virtual Data Center**
Harry Enke (AIP)
- 9. Summary: e-Astronomy**