

Northern Astrophysical Colloquium

July 6, 2012, Kiel

Leibnizstr. 11, Seminarraum 309a

10:30 Welcome

- 10:40** Robert Wimmer-Schweingruber (Kiel, Extraterrestrial Physics)
Suprathermal particles in the heliosphere
- 11:00** Thies Peleikis (Kiel, Extraterrestrial Physics)
The ECR IonSource and the Kiel solar wind laboratory
- 11:20** Bastian Körtgen (Hamburg Observatory)
The role of supernovae for molecular cloud dynamics
- 11:40** Christian Gräfe (Kiel, Astrophysics)
Dust evolution in the circumstellar disk of the Butterfly star
- 12:00** Yao Liu (Kiel, Astrophysics)
Brown Dwarf disks

12:20-13:30 Lunch break

- 13:30** Christian Schneider (Hamburg Observatory)
The shocking truth about the DG Tau jet
- 13:50** Manuel Jung (Kiel, Astrophysics)
Evolution of gravitationally perturbed accretion disks
- 14:10** Alexander Clausius (Hamburg Observatory)
Modelling Earth-like exoplanets with PHOENIX-3DRT and PUMA
- 14:30** Nadine Nettelmann (University Rostock)
Material properties along Jupiter's isentrope
- 14:50** Carolina von Essen (Hamburg Observatory)
Detection of polarimetric light variations in the exoplanet host WASP-33
- 15:10** Klaudia Herbst (Kiel, Extraterrestrial Physics):
The production of cosmogenic nuclides and what can be learned about the solar activity
- 15:30** Organizational issues (*Next meeting, Miscellaneous*)

16:00 End of the Colloquium

How to get to the Institute for Theoretical Physics and Astrophysics: <http://www.astrophysik.uni-kiel.de/Anreise>

Phone numbers:

- Secretary (Frau Kuhr): 0431-880 4110
- Sebastian Wolf: 0431-880 4107