

## Northern Astrophysical Colloquium

July 10, 2015, Kiel

Leibnizstr. 11, Seminarraum 309a



### 10:30 Welcome

- 10:35** R. Brunngräber (Uni Kiel):  
*Investigating the MIR variability of the protoplanetary disk of DR Tau*
- 10:55** A. Bonafede (Hamburg Observatory):  
*Magnetic field and particle acceleration in galaxy clusters through radio observations*
- 11:30** M. Dan (Hamburg Observatory):  
*Thermonuclear explosions of merging white dwarfs*
- 11:50** J. Reppin (Hamburg Observatory):  
*Evolution of magnetic fields in the Early Universe: MHD simulation of turbulent media*
- 12:10** M. Salz (Hamburg Observatory):  
*Escaping planetary atmospheres*

### 12:30-13:45 Lunch break

- 13:45** R. Redmer (Uni Rostock):  
*Metallic hydrogen - experimental and theoretical challenges*
- 14:05** R. Püstow/N. Nettelmann (Uni Rostock):  
*Demixing of H/He and evolution of Saturn*
- 14:25** S. Deschner (Uni Kiel):  
*Self-similar discontinuous solutions for testing a 1d accretion disk evolution code*
- 14:45** E. Nagel (Hamburg Observatory):  
*Spectral characterization of CoRoT-2A like variable stars*
- 15:05** I. De Gennaro Aquino (Hamburg Observatory):  
*TIGRE observations of novae*
- 15:25** J.-T. Schindler (Uni Kiel):  
*Exploring stellar evolution models of sdB stars using MESA*
- 15:45** Organizational issues: *Next meeting, Miscellaneous*

### 16:00 End of the Colloquium

#### Phone numbers:

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