



## Northern Astrophysical Colloquium

July 07, 2017, Kiel

Leibnizstr. 11, Seminarraum 309a

**10:30 Welcome**

- 10:40** Robert Brauer (Uni Kiel):  
Magnetic fields in circumstellar disks: The potential of Zeeman observations
- 11:00** Evangelos Nagel (Hamburg Observatory):  
Telluric absorption correction in high-resolution optical and near-infrared CARMENES spectra
- 11:20** Sebastian Kohl (Hamburg Observatory):  
A search for bow shocks around hot gaseous planets
- 11:40** Roman Avramenko (Uni Kiel):  
Binary induced structures in protoplanetary disks
- 12:00** Shadi Shacker (Hamburg Observatory):  
The difference between the causal structure constant and the speed of light. Is it real?

**12:20-13:30 Lunch break**

- 13:30** Bastian Koertgen (Hamburg Observatory):  
Molecular cloud formation in magnetized disc galaxies:  
the transition from magnetically sub- to supercritical
- 13:50** Jubin Lirawi (Uni Kiel):  
Tidally locked exoplanets
- 14:10** Manuel Jung (Hamburg Observatory):  
Modeling young embedded protostars with 3D radiation hydrodynamics
- 14:30** Anna Julia Poser (Uni Rostock):  
Model atmospheres and the derived bulk composition of Hot Jupiters
- 14:50** Marcel Völschow (Hamburg Observatory):  
To be or not to be: phantom planets around binary stars
- 15:10** Konstantin Herbst (Uni Kiel):  
Atris: A tool to calculate the ionization of planetary atmosphere's  
by solar (stellar) and galactic cosmic rays
- 15:30** Future NAC
- 16:00** End

### Phone numbers:

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