

**NAC Spring 2014**

# **Report of Contributions**

Contribution ID: 0

Type: **not specified**

## **Tracing the magnetic field morphology in the ISM with aligned dust grains**

*Friday 7 February 2014 10:00 (20 minutes)*

**Presenter:** REISSL, S. (Universität Kiel)

**Session Classification:** Morning Session

Contribution ID: 1

Type: **not specified**

## **Detection of Magnetic fields in cosmic filaments with next-generation radio telescopes**

*Friday 7 February 2014 10:20 (20 minutes)*

**Presenter:** VAZZA, F. (Universität Hamburg)

**Session Classification:** Morning Session

Contribution ID: 2

Type: **not specified**

## **Molecular Cloud Evolution in the ISM**

*Friday 7 February 2014 10:40 (20 minutes)*

**Presenter:** KÖRTGEN, B. (Sternwarte HH-Bergedorf)

**Session Classification:** Morning Session

Contribution ID: 3

Type: **not specified**

## **The effects of Nickel yield variations on SN Ia spectra and light curves**

*Friday 7 February 2014 11:00 (20 minutes)*

**Presenter:** LEXEN, E.

**Session Classification:** Morning Session

Contribution ID: 4

Type: **not specified**

## **Gamma-ray propagation and absorption**

*Friday 7 February 2014 11:20 (20 minutes)*

**Presenter:** HORNS, D. (University of Hamburg)

**Session Classification:** Morning Session

Contribution ID: 5

Type: **not specified**

## **Ensemble evolution of AGN**

**Presenter:** DUSCHL, W.

Contribution ID: 6

Type: **not specified**

## **The planetary system around the active star KOI 676**

*Friday 7 February 2014 13:30 (20 minutes)*

**Presenter:** IOANNIDIS (Sternwarte HH Bergedorf)

**Session Classification:** Afternoon session



Contribution ID: 7

Type: **not specified**

## **Water-ammonia mixtures at high pressures**

*Friday 7 February 2014 13:50 (20 minutes)*

**Presenter:** BETHKENHAGEN, M. (Universität Rostock)

**Session Classification:** Afternoon session

Contribution ID: 8

Type: **not specified**

## High-pressure phase-diagram of MgO

*Friday 7 February 2014 14:10 (20 minutes)*

**Presenter:** CEBULLA, D. (Universität Rostock)

**Session Classification:** Afternoon session

Contribution ID: 9

Type: **not specified**

## **Simulating planetary dynamics during the Common-Envelope phase**

*Friday 7 February 2014 14:30 (20 minutes)*

**Presenter:** DIEHL, C. (Sternwarte HH Bergedorf)

**Session Classification:** Afternoon session

Contribution ID: **10**

Type: **not specified**

## **el TIGRE: A new robotic spectroscopy telescope in Mexico**

*Friday 7 February 2014 15:50 (20 minutes)*

**Presenters:** HEMPELMANN (Sternwarte HH Bergedorf); SCHMITT (Sternwarte HH Bergedorf)

**Session Classification:** Afternoon session

Contribution ID: **11**

Type: **not specified**

**T.N.**

**Presenter:** SIGL, G. (Universität Hamburg)

Contribution ID: 12

Type: **not specified**

## **Enhanced line signals from annihilating Kaluza-Klein dark matter**

*Friday 7 February 2014 15:30 (20 minutes)*

**Presenter:** VOLLMANN, M. (Universität Hamburg)

**Session Classification:** Afternoon session

Contribution ID: **13**

Type: **not specified**

## **Sterile Neutrinos**

**Presenter:** GEWERING-PEINE, A. (Universität Hamburg)