

ZIM-2014 Program

Second Edition of the ZAH-IPAG-MPIA Workshop
October, 13th-14th, 2014 Ringberg

Early-Arrival on Oct, 12th at Ringberg
Morning departure on Oct, 15th from Ringberg
Review: 30' (25'+5')
talk: 15' (12'+3')

– DAY 1 – Oct, 13th 2014

0- Welcome & Institutes presentation (09:00-10:00)

- 09:00 Welcome (Gael & Markus)
- 09:15 Institutes Presentation:
 - Thomas Henning (MPIA)
 - Kees Dullemond (ZAH)
 - Jerome Bouvier (IPAG)

I- Dense cores and stellar formation (10:00 – 12:30) (Chair: Thomas Henning)

- 10:00 Walsmley Malcolm, Arcetri (Review)
- **10:30 Coffee (45')**
- 11:15 Stutz Amy, MPIA: The Orion molecular clouds: connecting environment with nascent protostars
- 11:30 Anderl Sybille, IPAG: Constraining the physical and chemical structure of the youngest protostars on 100 AU scales: first results from the CALYPSO survey
- 11:45 Kuiper Rolf, MPIA: Feedback in Massive Star Formation
- 12:00 Koepferl Christine, MPIA: Main-sequence stars masquerading as Young Stellar Objects
- 12:15 Francesco Ferreira, IPAG: Near infrared study of the fainter stellar populations in Cygnus OB2
- **12:30 LUNCH** (2hr30 break)

II- Star-disk interactions: Accretion, Outflows and Jets (15:00 – 17:45) (Chair: Kees Dullemond)

- 15:00 Natta Antonella, Arcetri (Review in star-disk interactions)

- 15:30 Bouvier Jerome, IPAG: What have we learnt on the accretion process in young stars from spaceborn photometric monitoring of SFRs?
- 15:45 Venutti Laura, IPAG: Accretion variability in the young open cluster NGC 2264
- **16:00 Coffee (45')**
- 16:45 Bonnefoy Mickael, IPAG: VLT view of the ZCMa 2008 Outburst
- 17:00 Joergens Viki, MPIA: The coolest 'stars' are free-floating planets
- 17:15 Maria Vasconcelos, IPAG: Period evolution of young stars with MC simulations
- 17:30 Dean Casey, ZAH: The Magnetic Field of TW Hydra
- 17:45 eod
- **18:30: DINNER**

– DAY 2 – Oct, 14th 2014

III- Circumstellar disks (09:00 – 12:30) (Chair: Antonella Natta)

- 09:00 Klahr Hubert, MPIA (Review)
- 09:30: Dominik Carsten, UvA (Review)
- 10:00 Thi Wing-Fai, MPE: Gas and dust mass evolution in protoplanetary disks: a view from the Herschel-GASPS program
- **10:15 coffee (45')**
- 11:00 Panic Olja, Cambridge Univ.: Snowlines and C/O ratio of the planet forming regions around Hae stars
- 11:15 Teague Richard, MPIA: Discerning the Deuterium Fractionation and Ionization Structure of DM Tau
- 11:30 Pohl Adriana MPIA, ZAH: Spiral arms in scattered light images of protoplanetary disks
- 11:45 Buenzli Esther, MPIA: L band imaging of the AB Aur circumstellar disk
- 12:00 Ménard François, IPAG: Dust and Gas properties in the dust trap of the disk of HD 142527
- 12:15 Matter Alexis, IPAG: Unveiling the dust dissipation geometry and properties in the inner regions of pre-transitional disks: an interferometric view of the Herbig star HD 139614
- **LUNCH (12:30-15:00)**
- 15:00 Berger J.P., ESO: VLT/PIONIER Large Program of Herbig AeBe stars
- 15:15 Rainer Kohler, MPIA: Image reconstruction of circumstellar disks with MATISSE

IV: Exoplanets: hosts, surveys and characterization (15:00 – 17:45) (Chair: Carsten Dominik)

- 15:30: Murphy Simon, ZAH: The low-mass membership of the Octans moving group
- 15:45 Lannier Justine, IPAG: M-dwArfs Statistical Survey for direct Imaging of massive Exoplanets with NACO
- **16:00 coffee (45')**
- 16:45 Chauvin Gael, IPAG: SPHERE first results
- 17:00 Bouwman Jeroen, MPIA: Characterization of planetary atmospheres from space.
- 17:15 Henke Stephan, ZAH: Modelling the thermal evolution of chondritic asteroids and comparing it to geochronological data
- 17:30 Workshop Conclusions
- 17:45: eod
- **18:30: DINNER**