



Poster-Session Program – 22.10.2008

Tuesday, Nov. 4

16:00-16:30 **Poster preview (Chair: Moira Jardine)**

Powerpoint-slide show at 1 minute per slide. Presenters must provide a single ppt page to the organizers well in advance of the presentation. 30 posters in total, “first come, first served”.

16:30-18:00 **Poster talks I (Chair: Rainer Beck)**

- 16:30-16:35 *A. Fletcher*: Dynamically dominant magnetic fields in the diffuse interstellar medium
- 16:35-16:40 *L. Harvey-Smith*: Faraday rotation measures in Supernova remnants
- 16:40-16:45 *E.M. De Gouveia Dal Pino*: Turbulence and star formation triggering by SNe
- 16:45-16:50 *P. Dobbie*: New global 3D MHD simulations of disk accretion and outflows around Black Holes
- 16:50-16:55 *M. G. Petr-Gotzens*: On the enigmatic radio emission from the young massive star θ^1 Orionis A
- 16:55-17:00 *A. P. Sarma*: Observations of magnetic fields toward S88B and NGC 6334
- 17:00-17:05 *R. Arlt*: Stability of magnetic fields in neutron stars
- 17:05-17:10 *C.G. Bernal*: Accretion & magnetic field submergence in neutron star surface
- 17:10-17:15 *E. M. de Gouveia Dal Pino*: Magnetic reconnection in accretion disk systems: from black holes to neutron stars and YSOs
- 17:15-17:20 *I. Kitiashvili*: Prediction of solar magnetic cycles by data assimilation methods
- 17:20-17:25 *M. Steffen*: Near surface radiative magneto-convection simulations for the Sun and a metal-poor solar analog
- 17:25-17:30 *M. L. Demidov*: The Sun as a magnetic star: on the manifestation of different surface structures in disk-integrated observations
- 17:30-17:35 *S. Koutchmy*: Isolated quasi-axisymmetric solar spots
- 17:35-17:40 *D. N. Della-Giustina*: A re-evaluation of the role of magnetic fields during planet formation in the early solar system
- 17:40-17:45 *N. Dzyurkevich*: 3D global MHD simulations of the proto-planetary disks with the dead zone
- 17:45-17:50 *R. Kuiper*: Radiative Magneto-hydrodynamics in prestellar core collapse towards massive star formation
- 17:50-18:00 “Contingency”



Thursday, Nov. 6

16:30-18:00 **Poster talks II (Chair: John Beckman)**

- 16:30-16:35 *M. Auriere*: Direct detection of a magnetic field at the surface of slowly rotating giant stars: are all giants magnetically active?
- 16:35-16:40 *S. Hubrig*: Magnetic fields in O-type stars measured with FORS1 at the VLT
- 16:40-16:45 *G. Hussain*: The evolving surface magnetic field of T Tauri stars
- 16:45-16:50 *A. Lebre*: HD232862: a magnetic and Lithium-rich bright giant field star
- 16:50-16:55 *P. Petit*: Magnetic geometries of Sun-like stars: exploring the mass-rotation plane
- 16:55-17:00 *V. Petit*: Is the wind of the Oe-star HD 155806 magnetically confined?
- 17:00-17:05 *Y. Masada*: Solar-type magnetic reconnection model for magnetar giant flare
- 17:05-17:10 *B. Ruiz-Granados*: A study of the large-scale structure of the galactic magnetic field
- 17:10-17:15 *A. Kepley*: Magnetic fields in irregular galaxies
- 17:15-17:20 *M. Krause*: Interplay of CR driven wind, magnetic field, and galactic dynamo in spiral galaxies
- 17:20-17:25 *S. Trifourki*: Galactic nature versus nurture - morphological moulding through magnetic fields
- 17:25-17:30 *A. B. Meinel*: Evidence of a magnetic sheath around a jet from NGC 6543
- 17:30-17:35 *E.A. Karitskaya*: The magnetic field in the X-ray binary Cyg X-1
- 17:35-17:40 *J. Gil*: Surface magnetic fields in Pulsars
- 17:40-17:45 *I. Ilyin*: Spectropolarimetry with PEPSI at the LBT: accuracy vs. precision in magnetic field measurements
- 17:45-17:50 *H. Balthasar*: A full-Stokes polarimeter for the GREGOR Fabry-Perot interferometer
- 17:50-18:00 "Contingency"