

From simulations to observations of a magnetized galactic medium: knowledge and perspectives

Astronomical Observatory of the Jagiellonian University
ul. Orla 171, 30-244 Kraków, POLAND

Thursday, April 3rd

- 9.30 – 10.15 **Marek Urbanik** – *Observations of galactic and intergalactic magnetism - successes and questions*
- 10.15 – 10.45 **Marek Weżgowiec** – *Magnetic and X-ray diagnostics of interactions of spiral galaxies in a cluster environment*
- Coffebreak (15min)
- 11.00 – 11.30 **Krzysztof Chyży** – *Magnetic maps of nearby spirals*
- 11.30 – 12.00 **Marita Krause** – *Magnetic fields and star formation in spiral galaxies*
- 12.00 Discussion (30min) – moderator: **Matthias Ehle**
- 13.00 Lunch
- 15.00 – 15.45 **Ralf-Jürgen Dettmar** – *Physics of the interstellar disk-halo interface in spiral galaxies*
- Coffebreak (15min)
- 16.00 – 16.30 **Volker Heesen** – *The cosmic rays distribution and structure of magnetic field in the nearby starburst galaxy NGC 253*
- 16.30 – 17.00 **Grażyna Siemienieć-Oziębło** – *Nonthermal phenomena in galaxy clusters as constraints of intracluster magnetic fields*
- 17.00 Discussion (60min) – moderator: **Ralf-Jürgen Dettmar**
- 18.00 – 18.30 **Katia Ferrière** – *Summary*