

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

Wednesday, April 2nd

9.30 – 10.15 **Harald Lesch** – *Remarks on the radio-farinfrared correlations*

10.15 – 10.45 **Katarzyna Otmianowska-Mazur** – *Magnetic reconnection – numerical approach*

Coffebreak (15min)

11.00 – 11.45 **Michał Hanasz** – *Cosmic Ray driven dynamo*

11.45 – 12.15 **Andrew Fletcher** – *Using random fluctuations in radio maps to study magnetic fields*

12.15 Discussion (30min) – moderator: **Detlef Elstner**

13.00 Lunch

15.00 – 15.45 **Anvar Shukurov** – *Dynamically dominant magnetic fields in the warm ISM*

15.45 – 16.30 **Detlef Elstner** – *New insights into galactic dynamo*

Coffebreak (15min)

16.45 – 17.15 **Hanna Kotarba** – *SPH simulations of the galactic large-scale magnetic field*

17.15 – 17.45 **Marian Soida** – *Modeling magnetic fields in Virgo spirals*

17.45 Discussion (60min) – moderator: **Anvar Shukurov**