

Conference Agenda Eitorf

Sept. 29 - Oct. 2, 2014

DFG Research Unit FOR 1254

Magnetisation of Interstellar and Intergalactic Media. The
Prospects of LOW-Frequency Radio Observations

Sunday, September 28, 2014

14:00 to 22:00 ~19:30	Arrival, Registration and Reception Dinner
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Monday, September 29, 2014

09:00	Welcome (U. Klein)
09:10 to 10:00	Magnetic Fields in Radio Galaxies (U. Klein)
10:00 to 11:00	Magnetic fields in cosmological simulations of disk galaxies (R. Pakmor)
11:00 to 11:30	Coffee break
11:30 to 12:00	Analysis of the polarization in jets from CHANG-ES (A. Damas)
12:00 to 12:20	Lofar data on the galaxy cluster A 1682 (A. Clarke)
12:30 to 14:30	Lunch
14:30 to 15:30	Cosmic Magnetism 2014 (F. Govoni)
15:30 to 16:00	The polarization of radio relics (M. Hoeft)
16:00 to 16:30	Diffuse radio emission in the complex merging cluster Abell 2069 (A. Drabent)
16:30 to 17:00	Coffee break
17:00 to 17:30	The radio relic in CIZA J0659.3+1801 (K. Rajpurohit)
17:30 to 18:00	Galaxy cluster relics at high radio frequencies (M. Kierdorf)
18:00 to 18:30	Searching diffuse radio emission in the XMM-Newton/SDSS galaxy cluster catalogue (J. Gelszinnis)
18:30	Dinner

Tuesday, September 30, 2014

09:15 to 10:00	The view on large-scale magnetic fields from cosmological simulations (F. Vazza)
10:00 to 10:30	Statistical methods for the analysis of rotation measure grids on large scale structures (V. Vacca)
10:30 to 11:00	A potential re-interpretation of old results (F. Stasyszyn)
11:00 to 11:30	Coffee break
11:30 to 12:00	Separating Galactic and extragalactic Faraday rotation (T. Enßlin)
12:00 to 12:30	Bayesian approaches to imaging in radio astronomy (H. Junklewitz)
12:30 to 14:30	Lunch
14:30 to 15:15	Cosmological MHD simulations (A. Beck)
15:15 to 15:45	Magnetic fields in disk galaxies: model and simulation (M. Beck)
15:45 to 16:30	Polarization and Depolarization by Helical Magnetic fields (Cathy Horellou)
	Freetime
17:00 to 19:00	Women in Astronomy (N. Ben Bekhti) For female scientists only
17:00 to 19:00	PI Meeting
19:00	Dinner

Wednesday, October 1, 2014

09:00 to 09:45	Radio continuum and star formation in Virgo cluster galaxies (B. Vollmer)
09:45 to 10:15	Simulating wide-band polarized emission from external galaxies (A. Mao)
10:15 to 10:30	Low frequency GMRT observations of nearby galaxies: Nature of non-thermal emission (A. Basu)
10:30 to 11:00	Coffee break
11:00 to 11:20	LOFAR and WSRT observations of NGC 5033 and NGC 5055 (K. Sendlinger)

11:20 to 11:50	Understanding complex RM spectra (D. Schnitzeler)
11:50 to 12:20	Status Lofar (A. Horneffer)
12:30 to 14:30	Lunch
14:30 to 14:55	Linking star formation rates, galactic winds and dynamo modes (D. Bomans)
14:55 to 15:15	Magellanic Clouds Massive Stars and Feedback Survey (A. Becker)
15:15 to 15:45	The physics of non-thermal galactic outflows with radio continuum observation (V. Heesen)
15:45 to 16:00	Properties of the magnetic fields in NGC2820 and NGC 3432 (A. Miskolczi)
16:00 to 16:15	X-ray emission of starburst dwarf galaxies (S. Blex)
16:15 to 16:45	Coffee break
16:45 to 17:15	UGC10288 as seen with the EVLA - a CHANG-ES galaxy (M. Krause)
17:15 to 17:45	Radio continuum observations of the edge-on Galaxies NGC 891 and NGC 4565 (P. Schmidt)
17:45 to 18:15	Magnetic fields in M82 (B. Adebahr)
18:30	Dinner

Thursday, October 2, 2014

09:00 to 09:45	Deriving turbulence statistics from the observed polarization angle dispersion (A. Fletcher)
09:45 to 10:15	Dynamical effects of magnetic fields in galaxies (D. Elstner)
10:15 to 10:45	Cosmic ray dynamo models (A. Bendre)
10:45 to 11:15	Coffee break
11:15 to 11:45	Simultaneous reconstruction of the diffuse and point like photon fluxes (M. Ghaempanah)
11:45 to 12:15	Tomography of the galactic free electron density (M. Greiner)
12:15 to 12:30	Conference summary
12:30	Lunch and Departure

