

Program for the Annual Meeting of the Research Unit 1254



Landhotel Rügheim (Germany), 29.09.-02.10.2013

Sunday, September 29

Time	Program
	Arrival
19:00	Dinner

Monday, September 30

Time	Speaker	Program
09:00-09:05	Uli Klein	Welcome
09:05-09:50	Karl Mannheim	Gamma-ray and UHECR constraints on intergalactic magnetic fields
09:50-10:35	Franco Vazza	Theoretical advancements on our understanding of cosmic rays acceleration and magnetic field amplification in galaxy clusters
10:35-11:00		Coffee Break
11:00-11:20	Annalisa Bonafede	Low frequency observations of galaxy clusters
11:20-11:40	Marcus Brüggen (cancelled)	What is the matter with relics? (cancelled)
11:40-12:00	Matthias Hoeft	Radio relics: Spectral properties and statistics
12:00-12:20	Monica Trasatti	The radio relic in A2256: a high frequency study
12:20-12:40	Alexander Drabent	WSRT 350 MHz legacy survey: First results on clusters
12:40-13:00		Time for questions
13:00-14:30		Lunch
14:30-15:15	Horst Fichtner	The magnetized heliosphere: State of the art and its relevance
15:15-16:00	Klaus Scherer	Magnetic fields in and around Astrospheres
16:00-16:30		Coffee Break
16:30-17:00	Torsten Enßlin	Faraday rotation, synthesis, & caustics
17:00-17:30	Klaus Dolag	MHD simulations of cosmic structure formation
17:30-17:50	Sebastian Dorn	Non-gaussianities of the CMB temperature anisotropies
17:50-18:10	Marco Selig	Gamma ray imaging
18:10-18:30	Masha Ghaempanah	The INTEGRAL gamma-ray sky
19:00		Dinner

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Tuesday, October 1

Time	Speaker	Program
09:00-09:45	Philipp Girichidis	Effect of cosmic rays on the ISM and galaxy evolution
09:45-10:05	Abhijit Bendre	ISM models with SN turbulence
10:05-10:25	Rainer Beck	Cosmic-ray propagation in galaxies
10:25-11:00		Coffee Break
11:00-11:30	Talayeh Hezareh	Submillimeter polarization observation towards studying interstellar magnetic fields
11:30-11:50	Marcus Beck	Magnetic field in Spiral Galaxies
11:50-12:10	Detlef Elstner	The role of halo rotation for the galactic dynamo
12:10-12:30	Björn Adebahr	H-CAPS - The HALOGAS Continuum and Polarisation Survey
12:30-12:50	Katharina Sendlinger	The expansion of supernova SN 2008IZ observed with VLBI
12:50-14:30		Lunch
14:30-14:50	Marita Krause	Magnetic fields and its evolution in spiral galaxies
14:50-15:10	Carolina Mora	NGC 4631 with CHANG-ES
15:10-15:30	Arpad Miskoczli	The Magnetic Field of NGC 3432
15:30-15:50	Philipp Schmidt	JVLA Continuum Observations of the Edge-on Galaxies NGC 891 and NGC 4565
15:50-16:10	Maja Kierdorf	Signatures of density waves in spiral galaxies
16:10-16:40		Coffee Break
16:40-17:00	Ancor Damas	Looking for polarised emission in NGC 5055 at 350 MHz
17:00-17:20	Yelena Stein	The magnetic field structure in the star-bursting edge-on galaxy NGC4666
17:20-17:40	David Mulcahy	Properties of nearby spiral galaxies at low frequencies
17:40-18:00	Carlos Sotomayor	Observing the spiral edge-on galaxy NGC 3079 JVLA
18:30		Dinner
19:45	Harald Lesch	Dark Matter: a perfect example of a successful theory

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Wednesday, October 2

Time	Speaker	Program
09:00-09:20	Enno Middelberg	How AGN influence star formation
09:20-09:40	Nadya Ben Bekhti	The clumpy structure of high-velocity cloud complexes
09:40-10:00	Dominik Bomans	Panchromatic view of galactic winds
10:00-10:20	Andreas Horneffer	Status of the MKSP LOFAR observations
10:20-10:40	Marek Wezgowiec	Effelsberg observations of Virgo cluster spiral galaxies
10:40-11:10		Coffee Break
11:10-11:30	Alexander Beck	Simulations of cosmic magnetism: Summary of my PhD thesis
11:30-11:50	Federico Stasyszyn	Mean Field SPMHD
11:50-12:10	Dominic Schnitzeler	First results from S-PASS: the Faraday depths of the southern sky
12:10-12:40	Ralf-Jürgen Dettmar	Conference Summary
13:00		Lunch
		Departure