

Program MKSP 2019

Monday (23.09.2019)		
12:00-13:00	<i>Registration</i>	
<i>Introduction (Chair: Dominik Bomans)</i>		
13:00-13:20	Ralf-Jürgen Dettmar	Welcome
13:20-13:50	Tim Shimwell	The LOFAR Two-metre Sky Survey (LoTSS)
13:50-14:10	Marco Iacobelli	LOFAR status update
14:10-14:30	George/Cathy	MKSP status update
<i>RM Grid Task Force / Radio Galaxies (Chair: Volker Heesen)</i>		
14:30-14:45	Shane O'Sullivan	Properties of LOFAR polarized sources
14:45-15:00	Noelia Herrera Ruiz	LOFAR polarisation data of the ELAIS-N1 field
15:00-15:30	<i>Coffee Break</i>	
15:30-15:45	Yoshimitsu Miyashita	Faraday tomography of radio galaxies at low frequency
15:45-16:00	Marek Weżgowiec	Multi-frequency analysis of the radio galaxy 4C70.19
16:00-16:30	Shane O'Sullivan	Discussion / Progress report RM Grid Task Force
16:30-17:30	Cathy/George	MKSP business meeting
19:00	<i>Welcome Reception</i>	

Tuesday (24.09.2019)		
<i>Milky Way / ISM (Chair: Marco Iacobelli)</i>		
09:00-09:30	Blakesley Burkhart	What Drives Turbulence in Galaxies?
09:30-09:45	Charlotte Sobey (Remote)	Faraday rotation measures towards pulsars using LOFAR: probing the 3-D Galactic halo magnetic field
09:45-10:00	Amit Seta (Remote)	Small-scale magnetic fields in the ISM of the spiral galaxies
10:00-10:15	Andrew Fletcher	The connection between magnetic field strength and gas density in the ISM
10:15-10:30	Torsten Enßlin	Towards a 3D Galactic magnetic field tomography
10:30-11:00	<i>Coffee Break</i>	
11:00-11:15	Sebastian Hutschenreuter	The Galactic Faraday depth sky revisited
11:15-11:45	Discussion Milky Way (Led by Marco Iacobelli)	
<i>Intergalactic Filaments (Chair: Torsten Ensslin)</i>		
11:45-12:15	Klaus Dolag	Turbulence and Magnetic Fields in Cosmological Simulations
12:15-12:30	Valentina Vacca	Observations of filaments of the cosmic web
12:30-13:00	Discussion Intergalactic Filaments (Lead by Torsten Ensslin)	
13:00-14:00	<i>Lunch Break</i>	
14:00-14:30	Discussion / Plans for busy afternoon (Shane, Valentina, Torsten)	
14:30-17:30	Busy afternoon (<i>Coffee Break around 16:00</i>)	
18:00	<i>Council reunion</i>	

Wednesday (25.09.2019)		
<i>Cosmic rays (Chair: Andrew Fletcher)</i>		
09:00-09:30	Julia Tjus	The role of turbulence modeling for cosmic-ray propagation
09:30-09:45	Volker Heesen	Cosmic-ray transport in radio haloes around nearby galaxies
09:45-10:00	Shinsuke Ideguchi	The potential of Faraday tomography to study supernova remnants using MHD simulation
10:00-10:30	Discussion Cosmic Rays (Led by Andrew Fletcher and Volker Heesen)	
10:30-11:00	<i>Coffee Break</i>	
<i>Long baselines / Methods (Chair: Björn Adebahr)</i>		
11:00-11:30	Frits Sweijen	High Resolution Imaging with LOFAR
11:30-11:45	Philipp Arras	Bayesian Polarization Imaging
11:45-12:00	Caterina Tiburzi	LOFAR polarization calibration
12:00-12:30	Discussion Methods (Led by Caterina Tiburzi and Sarvesh Sridhar)	
<i>Case Studies (Chair: Björn Adebahr)</i>		
12:30-12:45	Haruka Sakemi	Polarization Analysis of the SS433 Jet Termination Region
12:45-13:00	Ancla Mueller	Magnetic field in the jellyfish galaxy JO206
13:00-14:00	<i>Lunch Break</i>	
14:00-14:30	Discussion / Plans for busy afternoon (Shane, Valentina, Torsten)	
14:30-17:30	Busy afternoon (<i>Coffee Break around 16:00</i>)	
19:00	<i>Conference Dinner</i>	

Thursday (26.09.2019)		
<i>Surveys / Deep fields (Chair: Cathy Horellou)</i>		
09:00-09:30	Wendy Williams	LOFAR Surveys Deep Fields: Summary and Update
09:30-09:45	Krzysztof Chyży	Are the radio spectra of distant galaxies different?
09:45-10:00	Björn Adebahr	Apertif - Imaging commissioning and first survey results
10:00-10:30	Valentina Vacca	Discussion / Progress report GOODS North Task Force
10:30-11:00	<i>Coffee Break</i>	
<i>Nearby Galaxies (Chair: Rosita Paladino)</i>		
11:00-11:15	George Heald	LOFAR observations of NGC 5775
11:15-11:30	Dominik Bomans	LOFAR observations of extreme starbursts in low mass galaxies
11:30-11:45	Sarvesh Seethapuram Sridhar	LOFAR observations of NGC 2403
11:45-12:00	Julia Piotrowska	LOFAR observations of NGC 6946
12:00-12:15	Mami Machida	The effect of Faraday depolarization at low frequency verified by the observational visualization of spiral galaxies
12:15-12:30	Masaki Suzuki	Faraday dispersion function of disk spiral galaxies with global magnetic fields.
12:30-13:00	Discussion Nearby Galaxies (Lead by Krzysztof Chyży and Volker Heesen)	
13:00-14:00	<i>Lunch Break</i>	
14:00-14:30	Discussion / Plans for busy afternoon (Shane, Valentina, Torsten)	
14:30-17:30	Busy afternoon (<i>Coffee Break</i> around 16:00)	

Friday (25.09.2019)	
09:00-10:30	Busy morning
10:30-11:00	<i>Coffee Break</i>
11:00-12:00	Summary and Goodbye
12:00-13:00	<i>Lunch</i>