

Central Time (-5)	HK time (+8)	Central European Time (+1)	May 23	May 24	May 25	May 26
9:00	20:00	16:00	Carl Heiles Smallish Scale structure in Faraday rotation measurements	Laura Fissel Probing 3-Dimensional Magnetic Fields with Dust Polarization	Axel Brandenburg Numerical progress and challenges of dynamo research	Mateusz Ruszkowski Dynamic impact of stratification and magnetic fields on turbulence in massive galactic halos
9:30	20:30	16:30	Thomas Troland The Role of Magnetic Fields in Early Stages of Star Formation	Kate Pattle Magnetic fields in dense regions: the JCMT POL-2 picture	Ka Ho Yuen Physics of magnetized cold neutral media · in multiphase interstellar media	Thiem Hoang Grain alignment and disruption in star- and planet-forming regions
10:00	21:00	17:00	Richard Crutcher High Resolution 3D Tomography of Magnetic Fields in Star Formation	Dana Alina Magnetic field and polarization in the LMC with the Planck satellite data: method and first results	Discussion: Generation of astrophysical magnetic fields (Chair: E. Vishniac)	Martin Houde Generation and transformation of polarisation signal in molecular lines through cooperative anisotropic resonant scattering
10:30	21:30	17:30	Alex Lazarian Gradients: new insight into magnetic fields	Thushara G.S. Pillai (SIMPLIFI)	Siming Liu Review on the origin of Galactic cosmic rays	BG-Andersson (Grain Alignment)
11:00	22:00	18:00	Rainer Beck Magnetic fields in nearby galaxies and the Milky Way	Discussion: prospects of dust polarimetry (Chair: L. Fissel)	Martin Lemoine Particle acceleration in magnetized turbulence	Heshou Zhang Observing 3D magnetic field with Ground State atomic Alignment (GSA)
11:30	22:30	18:30	Discussion: Tomography of magnetic field (Chair: R. Crutcher)	Yue Hu (CMZ)	Lorenzo Sironi The physics of particle acceleration in relativistic reconnection	Discussion: Alignment of dust, molecules and atoms as ways of magnetic field study (Chair: BG Andersson)
12:00	23:00	19:00	break/round table	Andreas Burkert Protoplanetary Disks, Fed by Large-Scale Streamers from the Interstellar Medium	Discussion: Magnetic fields, turbulence, cosmic rays (Chair: S. Xu)	Discussion: Searching for synergy of different approaches for magnetic field studies
12:30	23:30	19:30	break/round table	break/round table	break/round table	Stefanie Wach Gassner The role of magnetic fields in young and evolved molecular clouds
13:00	0:00	20:00	Ethan Vishniac Turbulence as a Consequence of Reconnection	Marijke Haverkorn The Interstellar Polarization Survey	Le Ngoc Tram SOFIA Observations of 30 Doradus: Magnetic Fields and Large Scale Gas Kinematics	Sebastian Heinz Winds as probes and facilitators of accretion
13:30	0:30	20:30	Elisabete M. de Gouveia Dal Pino Cosmic Ray Propagation in Galaxy Clusters and the Production of Gamma Rays and Neutrinos: from Cosmological MHD Simulations	Farhad Yusef-Zadeh MeerKAT Observations of the Magnetized Radio Filaments in the Galactic Center Region	Raphael Skalidis Precision Galactic magnetometry from dust polarization	Siqi Zhao Multi-spacecraft Analysis of the Properties of Magnetohydrodynamic Fluctuations in Sub-Alfvénic Solar Wind Turbulence at 1 AU
14:00	1:00	21:00	Blakesley Burkhart Turbulence Diagnostics for the Star Forming ISM	Discussion: Synchrotron and FIR polarization (Chair: R.Beck)	Dmitri Pogosyan Differential Measure approach to magnetic field strength in turbulent medium	Mikhail Medvedev QED-plasma modes in super-strong fields of magnetars
14:30	1:30	21:30	Discussion: How turbulence can be studied from observations? (Chair: B.Burkhart)	Gianfranco Brunetti Particle acceleration and emission from galaxy clusters and LSS	Discussion: Can we trust to Davis-Chandrasekhar-Fermi measurement? (Chair: KH.Yuen)	Nikolai Pogorelov Magnetic Field Draping of the Heliosphere and Its Consequences for Radio Emission in the Very Local Interstellar Medium
15:00	2:00	22:00	break/round table	Siyao Xu (TDE on p-acceleration)	Grzegorz Kowal Simulations of turbulent reconnection	Lawrence Rudnick (15mins) Polarization Tomography with Stokes Parameters;
15:30	2:30	22:30	Amit Seta Turbulent dynamo in the two-phase interstellar medium	Alexei Kritsuk Energy transfer in compressible turbulence revisited	Maxim Lyutikov Coherent emission in pulsars and Fast Radio Bursts: Free Electron Laser.	Summary of the conference (Chair: M. Houde)
16:00	3:00	23:00	Priscilla Frisch Whence the Interstellar Magnetic Field Shaping the Heliosphere?	Hui Li Spatio-Temporal Properties of Compressible MHD Turbulence and Implications	Loukas Vlahos Transport of particles in a fractal environment of coherent structures	
16:30	3:30	23:30	Discussion: What did we learn today? (Chair: T. Troland)	Andrey Beresnyak Topics in MHD Turbulence	Olga Khabarova Magnetic Reconnection and Particle Acceleration in the Solar Wind: Evolution of Views	
17:00	4:00	0:00		Dinshaw Balsara Geodesic Mesh MHD – Modeling Magnetic Massive Stars in 3D; Simulations of a Magnetic O Star	Mark Krumholz Signatures of cosmic ray transport in star-forming galaxies	
17:30	4:30	0:30		Discussion: Properties of magnetic turbulence: Astrophysical Implications (Chair:A. Beresnyak)	Discussions: Particle transport (Chair: M. Krumholz)	Last Modified 23:39, May 22