

All time is in CDT	May 23	May 24	May 25	May 26	May 27 (Young MMF)
9:00	<b>Carl Heiles</b> Smallish Scale structure in Faraday rotation measurements	<b>Laura Fissel</b> Probing 3-Dimensional Magnetic Fields with Dust Polarization	<b>Axel Brandenburg</b> Numerical progress and challenges of dynamo research	<b>Mateusz Ruszkowski</b> Dynamic impact of stratification and magnetic fields on turbulence in massive galactic halos	Reserved
9:30	<b>Thomas Troland</b> The Role of Magnetic Fields in Early Stages of Star Formation	<b>Kate Pattie</b> Magnetic fields in dense regions: the JCMT POL-2 picture	<b>Ka Ho Yuen</b> Physics of magnetized cold neutral media in multiphase interstellar media	<b>Thiem Hoang</b> Grain alignment and disruption in star- and planet-forming regions	
10:00	<b>Richard Crutcher</b> High Resolution 3D Tomography of Magnetic Fields in Star Formation	<b>Dana Alina</b> 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)	<b>Martin Houde</b> Generation and transformation of polarisation signal in molecular lines through cooperative anisotropic resonant scattering	
10:30	<b>Alex Lazarian</b> Gradients: new insight into magnetic fields	<b>Thushara G.S. Pillai</b> (SIMPLIFI)	<b>Siming Liu</b> Review on the origin of Galactic cosmic rays	<b>BG-Andersson</b> (Grain Alignment)	
11:00	<b>Rainer Beck</b> Magnetic fields in nearby galaxies and the Milky Way	Discussion: prospects of dust polarimetry (Chair: L. Fissel)	<b>Martin Lemoine</b> Particle acceleration in magnetized turbulence	<b>Heshou Zhang</b> Observing 3D magnetic field with Ground State atomic Alignment (GSA)	
11:30	Discussion: Tomography of magnetic field (Chair: R. Crutcher)	<b>Yue Hu</b> (CMZ)	<b>Lorenzo Sironi</b> 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	break/round table	<b>Andreas Burkert</b> 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	break/round table	break/round table	break/round table	<b>Stefanie Walch Gassner</b> The role of magnetic fields in young and evolved molecular clouds	
13:00	<b>Ethan Vishniac</b> Turbulence as a Consequence of Reconnection	<b>Marijke Haverkorn</b> The Interstellar Polarization Survey	<b>Le Ngoc Tram</b> SOFIA Observations of 30 Doradus: Magnetic Fields and Large Scale Gas Kinematics	<b>Sebastian Heinz</b> Winds as probes and facilitators of accretion	
13:30	<b>Elisabete M. de Gouveia Dal Pino</b> Cosmic Ray Propagation in Galaxy Clusters and the Production of Gamma Rays and Neutrinos: from Cosmological MHD Simulations	<b>Farhad Yusef-Zadeh</b> MeerKAT Observations of the Magnetized Radio Filaments in the Galactic Center Region	<b>Raphael Skolidis</b> Precision Galactic magnetometry from dust polarization	<b>Siqi Zhao</b> Multi-spacecraft Analysis of the Properties of Magnetohydrodynamic Fluctuations in Sub-Alfvénic Solar Wind Turbulence at 1 AU	
14:00	<b>Blakesley Burkhardt</b> Turbulence Diagnostics for the Star Forming ISM	Discussion: Synchrotron and FIR polarization (Chair: R.Beck)	<b>Dmitri Pogosyan</b> Differential Measure approach to magnetic field strength in turbulent medium	<b>Mikhail Medvedev</b> QED-plasma modes in super-strong fields of magnetars	
14:30	Discussion: How turbulence can be studied from observations? (Chair: B.Burkhart )	<b>Gianfranco Brunetti</b> Particle acceleration and emission from galaxy clusters and LSS	Discussion: Can we trust to Davis-Chandrasekhar-Fermi measurement? (Chair: KH.Yuen)	<b>Nikolai Pogorelov</b> Magnetic Field Draping of the Heliopause and Its Consequences for Radio Emission in the Very Local Interstellar Medium	
15:00	<b>Dinshaw Balsara</b> Geodesic Mesh MHD – Modeling Magnetic Massive Stars in 3D; Simulations of a Magnetic O Star	<b>Siyao Xu</b> (TDE on p-acceleration)	<b>Grzegorz Kowal</b> Simulations of turbulent reconnection	<b>Lawrence Rudnick (15mins)</b> Polarization Tomography with Stokes Parameters;	
15:30	<b>Amit Seta</b> Turbulent dynamo in the two-phase interstellar medium	<b>Alexei Kritsuk</b> Energy transfer in compressible turbulence revisited	<b>Maxim Lyutikov</b> Coherent emission in pulsars and Fast Radio Bursts: Free Electron Laser.	Summary of the conference (Chair: M. Houde)	
16:00	<b>Pricilla Frish</b> Whence the Interstellar Magnetic Field Shaping the Heliosphere?	<b>Hui Li</b> Spatio-Temporal Properties of Compressible MHD Turbulence and Implications	<b>Loukas Vlahos</b> Transport of particles in a fractal environment of coherent structures		
16:30	Discussion: What did we learn today? (Chair: T. Troland)	<b>Andery Beresnyak</b> Topics in MHD Turbulence	<b>Olga Khabarova</b> Magnetic Reconnection and Particle Acceleration in the Solar Wind: Evolution of Views		
17:00		Discussion: Properties of magnetic turbulence: Astrophysical Implications (Chair:A. Beresnyak)	<b>Mark Krumholz</b> Signatures of cosmic ray transport in star-forming galaxies		
17:30			Discussions: Particle transport (Chair: M. Krumholz)	Last Modified 11:47, May 21	