

All time is in CDT	May 23	May 24	May 25	May 26	May 27 (Young MMF)
9:00	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	Reserved
9:30	Thomas Troland The Role of Magnetic Fields in Early Stages of Star Formation	Kate Pattie 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	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	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	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	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	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	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	break/round table	break/round table	break/round table	Stefanie Walch Gassner The role of magnetic fields in young and evolved molecular clouds	
13:00	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	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	Blakesley Burkhardt 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	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 Heliopause and Its Consequences for Radio Emission in the Very Local Interstellar Medium	
15:00	Dinshaw Balsara Geodesic Mesh MHD – Modeling Magnetic Massive Stars in 3D; Simulations of a Magnetic O Star	Siyao Xu (TDE on p-acceleration)	Grzegorz Kowal Simulations of turbulent reconnection	Lawrence Rudnick (15mins) Polarization Tomography with Stokes Parameters;	
15:30	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	Pricilla Frish 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	Discussion: What did we learn today? (Chair: T. Troland)	Andery Beresnyak Topics in MHD Turbulence	Olga Khabarova Magnetic Reconnection and Particle Acceleration in the Solar Wind: Evolution of Views		
17:00		Discussion: Properties of magnetic turbulence: Astrophysical Implications (Chair:A. Beresnyak)	Mark Krumholz Signatures of cosmic ray transport in star-forming galaxies		
17:30			Discussions: Particle transport (Chair: M. Krumholz)	Last Modified 10:44, May 21	