

| All time is in CDT | May 23 | May 24 | May 25 | May 26 | Last Modified 10:29, May 20 |
|--------------------|--|---|--|--|---|
| 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 | May 26 1600-1630 Lawrence Rudnick Polarization Tomography with Stokes Parameters; |
| 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 | 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 (TBA) | |
| 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 Skolidis 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 (15 mins) | |
| 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 (TBA) | 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) | | |