

Program: Preliminary schedule

| Time | Monday | Tuesday | Wednesday | Thursday | Friday |
|-------------|--|---|---|--|--|
| 9:00-9:15 | Registration & Introduction | R. Kissmann | L. Grenfell | M. Haverkorn | R. Grauer |
| 9:15-9:30 | | Particle Transport in Colliding-Wind Binary Systems | Effect of high energy particles on climate and biosignatures in Earth-like exoplanets | Tracing magnetic fields in the multi-phase ISM | Modelling of Synthetic Turbulence |
| 9:30-9:45 | E. Jenkins | O. Katushkina | K. Herbst | W.E. Banda Barrag n | A. Kopp |
| 9:45-10:00 | Absorption Line Probes of the Circumstellar/Interstellar Medium | Astrosphere models | Cosmic Rays in Habitable Zones | Magnetohydrodynamics of Wind-Cloud Interactions | Wind Disturbances and Particle Transport |
| 10:00-10:15 | R.J. Dettmar | D. Nickeler | J.M. Griessmeier | A. Bykov | D. Walter, Nonlinear Shock acc. |
| 10:15-10:30 | Intermediate and Large Scale Magnetized Interstellar Medium | Analytical astropause models | Galactic cosmic rays and Exoplanets | Pulsar Wind Nebulae and Bow shocks | A. Vogt, Jovian electrons |
| 10:30-11:00 | | | Coffee Break | | |
| 11:00-11:15 | K. Ferri re | N. Pogorelov | S.E.S. Ferreira | C. Tiburzi | E. Engelbrecht |
| 11:15-11:30 | The interstellar magnetic field in and around the Local Bubble | The Heliotail- a special astro-tail | Modeling of Astropheric cavities and cosmic ray transport | Studies of the Ionised ISM with LOFAR Pulsar Observations | Turbulence in Stellar Winds |
| 11:30-11:45 | M. MacLow | K. Scherer | P. Reichenherzer | M. Zacharias | H. Fichtner |
| 11:45-12:00 | Structure and Dynamics of the Interstellar Medium | General astrospherical aspects | Spatial CR-diffusion | Relativistic Jets | Regularized κ distributions |
| 12:00-12:15 | | | Discussion | | |
| 12:15-14:00 | | | Lunch Break | | |
| 14:00-14:15 | K. Weis | C. Kobulnicky | | R. Schlickeiser | |
| 14:15-14:30 | Circumstellar nebulae | Bow shock surveys | | Formation of suprathermal and cosmic ray particle momentum spectra | |
| 14:30-14:45 | M. Kraus | D. Bomans | | L. Glanemann, AS & CR-anisotropy | |
| 14:45-15:00 | Structure and dynamics of circumstellar environments of evolved massive stars from small to large scales | Multiwavelength observations of AS | | T. Tolksdorf, CR-transport in AS | |
| 15:00-15:15 | A. M ller, Sharpening up Galactic all-sky maps with complementary data - A machine learning approach | L. Baalmann, Astrospherical projections | | S. Sultana, High-frequency envelope solitons in collisional superthermal plasmas | |
| 15:15-15:30 | contributed | A. Noack, Multiwinds | | contributed | |
| 15:30-16:00 | | Coffee Break | | Coffee Break | End |
| 16:00-16:15 | B. Burkhardt | M. Del Valle | | J. Kleimann | |
| 16:15-16:30 | Magnetized turbulence in the ISM | Bow shocks and cosmic rays | Free afternoon | An analytical description for the magnetic field around astrospheres | |
| 16:30-16:45 | J. Franco | | | C. R ken, The inner field | |
| 16:45-17:00 | Dynamical Evolution of HII Regions | | | Poster session | |
| 17:00-17:15 | Discussion | | | | |
| 17:15-17:30 | Icebreaker | | | | |
| 17:30-17:45 | | | | | |
| 18:00-22:00 | | | | | Workshop-dinner |

Poster

- A. Becker, Automatic stellar classification
- H. Niemsch, Wolf-Rayet bubbles
- F. Schulz, Diffusive EUV emission of astrospheres