



Splinter Meeting

The Solar System – Our Astrosphere

Draft Program

WEDNESDAY, SEPTEMBER 23: Particles, Transport

15:00-15:25	R. C. Tautz	Nonlinear Transport Theories vs. Simulations (<i>invited talk</i>)
15:25-15:50	M. Pohl	Pick-up ions: from the heliosphere to AGNs (<i>invited talk</i>)
15:50-16:15	E. Sedlmayr	Physics and Chemistry of Cosmic Dust: From the origin to planetary matter (<i>invited talk</i>)
16:15-16:30	H. Önel	Electron Acceleration in a Flare Plasma via Coronal Circuits
16:30-16:45	H. Aurass	Deciphering the solar flare energy release site through radio spectroscopy
16:45-17:00	M. Barta	Total volume of non-ideal regions in cascading magnetic reconnection and particle acceleration in solar flares
17:00-17:15	C. Vocks	Scattering of solar energetic electrons in interplanetary space
17:15-17:30	B. Heber	Modulation of galactic cosmic ray protons and electrons during an unusual solar minimum
17:30-17:45	K. Scherer	Anomalous Cosmic Rays as Source of Low Energetic Galactic Cosmic Rays
17:45-18:00	F. Effenberger	The Cosmic Ray Distribution for Anisotropic Diffusion in our Galaxy

THURSDAY, SEPTEMBER 24: Planets, Magnetic fields, Sun, ISM

15:00-15:25	T. Spohn	Planetary Evolution and Habitability (<i>invited talk</i>)
15:25-15:50	A. Kopp	Magnetic interaction in planetary magnetospheres and extrasolar planetary systems (<i>invited talk</i>)
15:50-16:15	D. Breitschwerdt	The local and global Interstellar Medium (<i>invited talk</i>)
16:15-16:30	M. Steffen	Confronting 3D models of the solar photosphere with observations
16:30-16:45	N. Bello Gonzales	Magnetism and dynamics of the NOAA 10988 sunspot fine-structure
16:45-17:00	M. L. Demidov	Stokes-metric Investigations of the Quiet Sun's Weak Magnetic Field in Many Spectral Lines
17:00-17:15	R. Hammer	Propagation of waves along magnetic flux tubes in the solar atmosphere
17:15-17:30	B. Kliem	Flux rope formation preceding coronal mass ejection onset
17:30-17:45	A. Warmuth	Recent results on electron acceleration in solar flares from hard X-ray and radio observations
17:45-18:00	J. L. Grenfell	Effect of CO-oxidation occurring on haematite upon the chemical composition of CO ₂ -dominated atmospheres