

# AGENDA: “The Physics of the Local Interstellar Medium”, ISSI, Sep 17-20

Time	Monday, Sep 17	Tuesday, Sep 18	Wednesday, Sep 19	Thursday, Sep 20
9:00AM	Introductory Remarks / Goal of Meeting/ Outcomes: Joe Giacalone	Andrzej Czechowski “A model of the energetic proton spectrum at different positions at the termination shock, and the effect on the production of ENA”	Iver Cairns (via Skype/Zoom): “Robustness of the heliopause's plasma depletion layer against Coulomb collisions”	Alan Cummings “Precursors to Interstellar Shocks of Solar Origin: New Results Relevant to the Foreshock Model”
9:30AM	Alan Cummings: “Voyager 2 update”			
10:00AM	Break	Break	Break	Break
10:30AM	Joe Giacalone “The reflection model for the IBEX ribbon revisited: The Effect of Locally generated, heliospheric turbulence”	Vlad Ismodenov “Two peaks at middle heliolatitudes and their influence on the heliosheath: comparing mass flux obtaining from SOHO/SWAN and based in ENLIL model”	Lan Jian: “Update of the Magnetic Field Investigation Using Voyager 1 and 2”	Martin Pohl “New results on the anisotropy of very high energy cosmic rays”
11:30AM	Discussion	Discussion	Discussion	Discussion
	Lunch	Lunch	Lunch	Lunch
2:00PM	Eric Zirnstein “Modeling the IBEX Ribbon in the 3D Heliosphere: An Update”	David Burgess “Magnetic field data: interpretation as turbulence”	Gwaenel Giaciniti “Simulations of the cosmic-ray anisotropy down to TeV energies”	Jamie Rankin (remote presentation): “Voyager 1 Observations of Galactic Cosmic Ray Anisotropies in the Local Interstellar Medium “
3:00PM	Break	Break	Break	Break
3:30PM	Maciej Bzowski “The He+ density and ionization state of the Local Interstellar Medium based on Warm Breeze observations”	Alan Cummings “Modulation in the Heliosphere: The View from the Voyagers”	Vladimir Florinski “On galactic and anomalous cosmic ray effects in the inner and outer heliosheaths”	Discussion: <ul style="list-style-type: none"> <li>ISSI newsletter items</li> <li>Final report</li> </ul>
4:30PM	Discussion	Discussion	Discussion	
5:00PM	Reception - ISSI Lobby		Team Dinner (t.b.a.)	Adjourn