

Programme of the IBEX SWT # 14 & of the International Workshop

“Three Years of Observations with IBEX – What did we learn about the Outer Heliosphere?”

at the Physikzentrum Bad Honnef, 28–31 March 2012

Wednesday, 28.3.2012

- IBEX-Lo and IBEX-Hi Hardware Team splinter meetings
- open science discussions
- dinner (18:30 at Physikzentrum)
- social evening event: visit of local winehouse (19:30)

Thursday & Friday, 29./30.3.2012

- Workshop (see detailed programme below)
- Workshop Dinner on Thursday night (on invitation by the organizers)

Saturday, 31.3.2012

- 8:30 – 12:00: Additional Talks, Discussions & Brainstorming, Outlook
- 12:00: End of Meeting & Lunch

Thursday, 29.3.2012

Time	Speaker	Topic of Talk
IBEX Overviews & Updates		
8:30 – 9:00	D. McComas	IBEX Overview: Evolving Heliosphere
9:00 – 9:30	H. Funsten	IBEX-Hi Update
9:30 – 10:00	S. Fuselier	IBEX-Lo Update
10:00 – 10:30	N. Schwadron	ISOC Update
10:30 – 11:00	Coffee Break	
All Sky Maps, Ribbon & Spectra		
11:00 – 11:15	D. Reisenfeld	Polar ENA flux & heliospheric dimension
11:15 – 11:30	J. Park	IBEX-Lo Oxygen Sky Maps
11:30 – 11:45	M. Gruntman	Temporal Variation of global ENA fluxes
11:45 – 12:00	C. Prested	All-sky maps from a 3D multi-species model
12:00 – 12:15	H. Kucharek	Ribbon & termination shock
12:15 – 12:30	H. Fichtner	The ribbon & an inhomogeneous LISM?
12:30 – 14:00	Lunch Break	
14:00 – 14:15	F. Allegrini	IBEX-Hi energy passbands
14:15 – 14:30	M. Desai	ENA spectra & termination shock
14:30 – 14:45	M. Dayeh	Polar ENA spectra & solar wind
14:45 – 15:00	M. Siewert	Inner heliospheric ENA spectra
15:00 – 15:15	J. Sokol	H ENA ionisation & survival probabilities
15:15 – 15:30	G. Gloeckler	tbd
IBEX, Voyager & the Heliosheath		
15:30 – 16:00	J. Richardson	Voyager observations in the heliosheath
16:00 – 16:30	Coffee Break	
16:30 – 17:00	S. Grzedzielski	Expected helium ENA fluxes & heliosheath
17:00 – 17:15	M. Opher	Flows & fields in the heliosheath: reconnection
17:15 – 17:30	N. Schwadron	Ribbon & Anisotropy of TeV Cosmic Rays
17:30 – 17:45	K. Scherer	Electron impact ionisation in the heliosheath
17:45 – 18:00	S. Fuselier	kHz radiation, the ribbon & the heliopause
18:00 – 18:15	H. Fahr	Theoretical aspects of the heliopause layer
19:30	Workshop Dinner at the Physikzentrum	

Friday, 30.3.2012

Time	Speaker	Topic of Talk
IBEX, the Interstellar Medium & Magnetic Field		
8:30 – 9:00	R. Ratkiewicz	Heliosphere-LISM interaction: MHD modelling
9:00 – 9:30	K. Ferriere	Interst. Mag. Fields: An Astrophysical Perspective
9:30 – 9:45	P. Frisch	Galactic & LISM magnetic fields
9:45 – 10:00	P. Swaczyna	Galactic Center & H ENAs
10:00 – 10:30	S. Spangler	Interstellar turbulence
10:30 – 11:00	Coffee Break	
11:00 – 11:15	L. Saul	Neutral H: 4 years of IBEX-Lo
11:15 – 11:30	T. Leonard	IBEX-Lo saturation & ISM flow parameters
11:30 – 11:45	M. Bzowski	IBEX-Lo, secondary interst. He & flow parameters
11:45 – 12:00	M. Kubiak	IBEX-Lo & secondary interstellar He
12:00 – 12:15	H. Müller	Simulations & secondary interstellar He
12:15 – 12:30	E. Möbius	IBEX-Lo & secondary interstellar O
12:30 – 14:00	Lunch Break	
14:00 – 14:15	M. Rodriguez	Search for D & interstellar beam
14:15 – 14:30	M. Kubiak	Detectability of interstellar D
14:30 – 14:45	P. Bochsler	Ne/O abundance ratio at TS and LISM
14:45 – 15:00	M. Lee	Analytical studies of interstellar gas
15:00 – 15:15	D. McComas	Heliosphere-LISM interaction: no bow shock
15:15 – 15:30	G. Zank	Shock-free-like structure of heliosph.-LISM interaction
Planetary and Lunar ENAs		
15:30 – 16:00	S. Barabash	Planetary & Lunar ENAs
16:00 – 16:30	Coffee Break	
16:30 – 16:45	H. Funsten	Reflection of Solar Wind from the Lunar Surface
16:45 – 17:00	M. Dayeh	flows & concentration: Earth's plasma sheet
17:00 – 17:15	J. Jahn	Earth's magnetotail dynamics as seen by IBEX
17:15 – 17:30	S. Fuselier	IBEX-Lo and sulfur from Jupiter
17:30 – 19:15	McComas/Schwadron	Discussion of Upcoming Senior Review
19:30	Dinner	

Saturday, 31.3.2012

Time	Speaker	Topic of Talk
Last Minute Talks, Discussions, Brainstorming & Outlook		
8:30 – 10:30		
10:30 – 11:00	Coffee Break	
11:00 – 12:00		
12:00 – 14:00	End of Meeting, Lunch	