

<i>Time</i>	<i>Session</i>	<i>Title</i>	<i>Speaker</i>	<i>Chair</i>
Monday				
09:30-10:00	Introduction	Welcoming words and scope of the workshop	Convenors	
10:00-10:20	1. Historical Perspective	The Helios mission	Bernd Heber (Keynote)	Robert F. Wimmer-Schweingruber
10:20-10:35	1. Historical Perspective	Results from the MEH (Cosmic Ray Electrons and Nuclei) Instrument on ISEE-3/ICE	Paul Evenson	Robert F. Wimmer-Schweingruber
10:35-11:05	<i>Coffee break</i>			
11:05-11:20	1. Historical Perspective	The history and importance of ionic charge measurements of SEPs	Bernd Klecker	Robert F. Wimmer-Schweingruber
11:20-11:35	1. Historical Perspective	TBD	Daniel Pacheco	Robert F. Wimmer-Schweingruber
11:35-12:15	1. Historical Perspective	<i>Discussion</i>		Robert F. Wimmer-Schweingruber
12:15-12:30	1. Historical Perspective	Student's impressions	Janna Martens	Robert F. Wimmer-Schweingruber
12:30-14:00	<i>Lunch</i>			
14:00-14:30	2. Sources	Recent Insights into the Source Populations of Large gradual Solar Energetic Particle Events	Mihir Desai (Keynote)	David Lario
14:30-14:45	2. Sources	How SEP ion composition varies and what that tells us about acceleration sources	Christina Cohen	David Lario
14:45-15:00	2. Sources	Evaluating the source of SEPs at CME shocks using a suprathermal seeds test	Joe Giacalone	David Lario
15:00-15:15	2. Sources	The link between shocks and their irregularities and the population of accelerated particles	Domenico Trotta	David Lario
15:15-15:30	2. Sources	Charge states of ions as indicators of parameters in the acceleration site	Yulia Kartavykh	David Lario
15:30-16:00	<i>Coffee break</i>			
16:00-16:15	2. Sources	Student's impressions	Henrik Droege	David Lario
16:15-16:45	2. Sources	<i>Discussion</i>		David Lario
17:00-	Welcome reception			
Tuesday				

<i>Time</i>	<i>Session</i>	<i>Title</i>	<i>Speaker</i>	<i>Chair</i>
09:30-09:55	3. Solar Wind	General, large-scale structure of coronal-heliosphere system, specific to SEP evolution	Alexis Rouillard (Keynote)	Yeimy Rivera
09:55-10:20	3. Solar Wind	Sources of solar wind variability, i.e. how properties evolve with increasing heliocentric distance and the solar cycle	Luca Sorriso-Valvo (Keynote)	Yeimy Rivera
10:20-10:45	3. Solar Wind	Connection between solar wind processes and SEP features – including CIRs, CMEs	Denise Perrone (Keynote)	Yeimy Rivera
10:45-11:15	<i>Coffee break</i>			
11:15-11:30	3. Solar Wind	Mini review of multi-spacecraft connection science	Olga Alexandrova	Yeimy Rivera
11:30-11:45	3. Solar Wind	Unical about shock propagation in the heliosphere from multi-spacecraft observations	Silvia Perri	Yeimy Rivera
11:45-12:00	3. Solar Wind	SEP evolution via multi spacecraft observations	Nina Dresing	Yeimy Rivera
12:00-12:30	3. Solar Wind	<i>Discussion</i>		Yeimy Rivera
12:30-12:45	3. Solar Wind	Student's impressions	Maximilian Brüdern	Yeimy Rivera
12:45-14:00	<i>Lunch</i>			
14:00-14:30	4. Modelling	TBD	Silvia Dalla (Keynote)	Yulia Kartavykh
14:35-14:50	4. Modelling	The effect of turbulent field line meandering on early SEP event evolution	Timo Laitinen	Yulia Kartavykh
14:50-15:05	4. Modelling	Updated Palmer consensus values, magnetic fiel line diffusion/spreading, perpendicular diffusion and velocity dispersion	Du Toit Strauss	Yulia Kartavykh
15:05-15:20	4. Modelling	Study of Solar energetic particles with multiple spacecraft observations and numerical simulations	Gang Qin	Yulia Kartavykh
15:20-15:35	4. Modelling	TBD	Wolfgang Droege	Yulia Kartavykh
15:35-15:50	4. Modelling	Flat energy spectra of SEPs far upstream of fast CME shocks and their importance to our understanding of particle transport	Joe Giacalone	Yulia Kartavykh
15:50-16:20	<i>Coffee break</i>			

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16:20-16:45	4. Modelling	SOLPENCO2 + IPATH model + effect of a preceeding CME	Angels Aran	Yulia Kartavykh
16:45-17:00	4. Modelling	Modelling SEPs in the inner heliosphere with PARADISE	Nicolas Wijzen	Yulia Kartavykh
17:00-17:15	4. Modelling	Observations and Modelling of Inverse Velocity Dispersion in SEP Events	Zheyi Ding	Yulia Kartavykh
17:15-17:45	4. Modelling	<i>Discussion</i>		Yulia Kartavykh
Wednesday				
09:30-09:45	4. Modelling	Student's impression	Pinxu Liu	Yulia Kartavykh
09:50-10:10	5. Measurements	Measurements of Solar Energetic Particles and what they tell us about acceleration and transport	Christina Cohen (Keynote)	Linghua Wang
10:10-10:30	5. Measurements	Solar wind suprathermal particles	Mihir Desai (Keynote)	Linghua Wang
10:30-10:50	5. Measurements	Solar energetic electrons	Raul Gomez-Herrero (Keynote)	Linghua Wang
10:50-11:20	<i>Coffee break</i>			
11:20-11:35	5. Measurements	IVD	Jingnan Guo	Linghua Wang
11:35-11:50	5. Measurements	Solar Energetic Electron Spectra	Linghua Wang	Linghua Wang
11:50-12:05	5. Measurements	Contamination in SoLO/EPD and Stereo/SEPT	Alexander Kollhoff	Linghua Wang
12:05-12:35	5. Measurements	<i>Discussion</i>		Linghua Wang
12:35-14:00	<i>Lunch</i>			
14:00-14:15	5. Measurements	Student's impression	Qianyi Ma	Linghua Wang
14:20-14:50	6. Pick-up ions	TBD	Eberhard Möbius (Keynote)	Eberhard Möbius
14:50-15:05	6. Pick-up ions	TBD	Lars Berger	Eberhard Möbius
15:05-15:45	6. Pick-up ions	<i>Discussion</i>		Eberhard Möbius
15:45-16:15	<i>Coffee break</i>			
16:15-16:30	6. Pick-up ions	Student's impression	Lisa Romanehseen	Eberhard Möbius
16:35-17:35	Discussion	Presentation of the book structure		Thierry Dudok de Wit

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17:35-18:00	Discussion	How to structure splinters on Thursday		Thierry Dudok de Wit
Thursday				
09:30-09:45	Plenary: set up splinters			Thierry Dudok de Wit
09:45-10:45	Splinters 1–3	Discuss article contents in splinters		
10:45-11:15	<i>Coffee break</i>			
11:15-12:30	Splinters 4–6	Discuss article contents in splinters		
12:30-14:00	<i>Lunch</i>			
14:00-14:30	Plenary: summary of splinters			Convenors
14:30-15:45	Splinters 7–9	Discuss article contents in splinters		
15:45-16:15	<i>Coffee break</i>			
16:30 -18:00	Colloquium	Observations of solar energetic particles	ExWi building, room B7	
19:00	Workshop dinner	Kornhauskeller, Kornhausplatz 18		
Friday				
09:30-11:00	Discussion	Authorship of articles, deadlines, schedule		
11:00-11:30	<i>Coffee break</i>			
11:30-12:30	Discussion of open issues	Plans for the future: issues raised, future ISSI teams, additional points to be added to the book (nomenclature)		
12:30-14:00	<i>Lunch</i>			
14:00	(optional)	time for more discussions		