

Timetable

GR: General Remarks, OT: Overview Talks, DS: Discussion Sessions

Monday, July 3

9:00–9:30	GR	ISSI Bern	Welcome and Logistics
9:30–10:00	GR	Raluca Ilie, Rona Oran UIUC, MIT	Welcome remarks & team introductions
10:00–10:10	GR	Raluca Ilie, Rona Oran UIUC, MIT	Overview of team goals and plans for this week
10:10–10:40		Coffee	
10:40–11:00	OT	Iannis Dandouras Institut de Recherche en Astrophysique et Planetologie	Early-Earth plasmaspheric wind (3 - 4 Ga ago)
11:00–11:20	OT	Romain Maggiolo Belgian Institute for Space Aeronomy	Effect of planetary magnetic field on the solar wind energy deposition in the Earth's upper atmosphere
11:20–11:40	OT	Maria Luisa Alonso Tagle KU Leuven	Examining atmospheric escape with a semi-empirical model
11:40–12:00	OT	Mei-Yun Lin UIUC	Molecular Ion Upflow From the High-Latitude Ionosphere
12:00–13:30		Lunch	
13:30–13:50	OT	Hsinju Chen UIUC	Multifluid MHD approach for global magnetosphere simulations of current and early Earth-like conditions
13:50–14:10	OT	Raluca Ilie UIUC	"Plasmaspheric refilling: a new mechanism for loss of heavy elements
14:10–14:30	OT	Elena Kronberg Ludwig-Maximilians Universitat Munchen	Impact of the magnetospheric dynamics on the ion escape and vice versa
14:30–15:00		Coffee	
15:00–15:20	OT	David Catling University of Washington	Impacts on early Earth and atmospheric escape; plus an overview of recent early atmosphere literature
15:20–15:40	OT	Rona Oran MIT	Atmospheric drag by the solar wind over the Sun's life
15:40–16:00	OT	Aline Vidotto Leiden University	Data-driven stellar wind models of young Suns

16:00-16:20	OT	Caue Borlina John Hopkins University	Using Micro-paleomagnetism to obtain high-resolution magnetic records of Earth's magnetic field
16:20-16:40	OT	Claire Nichols University of Oxford	Did Earth's magnetic field cause the Great Oxygenation Event?
16:40-17:00	OT	all	Wrap up discussion
17:00-18:00		Welcome to ISSI Reception with Wine & Cheese	

Tuesday, July 4

9:00 - 10:30	DS	all	Working groups
10:30-11:00		Coffee	
11:00 - 12:00	DS	all	Working groups
12:00-13:30		Lunch	
13:30 - 15:00	DS	all	Working groups
15:00-15:30		Coffee	
15:30 - 17:00	DS	all	Working groups
18:00-20:00		Team Dinner	

Wednesday, July 5

9:00 - 10:30	DS	all	Working groups
10:30-11:00		Coffee	
11:00-12:00	DS	all	Working groups
12:00-13:30		Lunch	
13:30-17:00		Team Excursion	

Thursday, July 6

9:00 - 10:30	DS	all	Working groups
10:30-11:00	Coffee		
11:00 - 12:00	DS	all	Working groups
12:00-13:30	Lunch		
13:30 - 15:00	DS	all	Working groups
15:00-15:30	Coffee		
15:30 - 17:00	DS	all	Working groups
18:00-20:00	Team Dinner		

Friday, July 7

9:00 - 10:30	DS	all	Working groups
10:30-11:00	Coffee		
11:00 - 12:00	DS	all	Final discussion and planning
12:00-13:30	Lunch		