

"Second Training School of the PITHIA-NRF Plasmasphere Thermosphere and Ionosphere Integrated Research Environment supported by T-FORS Machine Learning models" Programme

	Monday, 5 February 2024	Tuesday, 6 February 2024	Wednesday, 7 February 2024	Thursday, 8 February 2024	Friday, 9 February 2024			
8:30						8:30		
8:45						8:45		
9:00		Walk in	Walk in	Walk in	Walk in	9:00		
9:15						9:15		
9:30						9:30		
9:45						9:45		
10:00		"Fundamentals in thermosphere", Sean Bruinsma (CNES) - aula 00.08	"LSTIDs: sources, propagation characteristics, detection techniques", David Altadill (OE) - aula 00.08	"MSTIDs: sources, propagation characteristics, detection techniques", Sivakandan Mani (IAP-L) - aula 00.08	Work Groups in Action - aula 00.08 & Dijlezaal M00.A1	10:00		
10:15						10:15		
10:30						10:30		
10:45		Coffee Break	Coffee Break	Coffee Break	Coffee Break	10:45		
11:00						11:00		
11:15						11:15		
11:30		"ML-AI", Giovanni Lapenta (KU Leuven) - aula 00.08	"Dynamic kinetic model of the plasmasphere", Viviane Pierrard (BIRA-IASB) - aula 00.08	"TID nowcasting models - MSTIDs (focused on CDSS)", Tobias Verhulst (RMI) - aula 00.08		11:30		
11:45						11:45		
12:00						12:00		
12:15	Registration / Opening - Huis Bethlehem, KU Leuven, Auditorium Wolfspoor	"Instrumentation (ground and space)", Tobias Verhulst (RMI) - aula 00.08	"Themospheric models", Sean Bruinsma (CNES) - aula 00.08	"TID forecasting models - MSTIDs", Sivakandan Mani (IAP-L) - aula 00.08	Work Groups in Action - aula 00.08 & Dijlezaal M00.A1	12:15		
12:30							12:30	
12:45								12:45
13:00				"Ionospheric irregularities & scintillations", Luca Spogli (INGV) - aula 00.08		"RayTracing models", Ivan Galkin (BGD) - aula 00.08		13:00
13:15								13:15
13:30		Lunch Break - STUK Art Centre Leuven	Lunch Break - STUK Art Centre Leuven	Lunch Break - STUK Art Centre Leuven	Lunch Break - STUK Art Centre Leuven	13:30		
13:45						13:45		
14:00						14:00		
14:15		"PITHIA-NRF e-Science Centre: how to discover, access, register data collections", Tamas Kiss (UoW) - Raadzaal 00.18			Work Groups Presentations- aula 00.08	14:15		
14:30	"Solar wind - magnetosphere interactions", Stefaan Poedts (KU Leuven) - aula 00.08		"EISCAT data collections", Anders Tjulin (EISCAT) - aula 00.08			14:30		
14:45						14:45		
15:00						15:00		
15:15	Coffee Break	"Heliospheric data and model results", Michaela Brchnelova (KU Leuven) - Raadzaal 00.18	"GIM maps", Manuel Hernandez-Pajares (UPC) - aula 00.08	Work Groups Introduction & Kick-off - aula 00.08 & Dijlezaal M00.A1		15:15		
15:30						15:30		
15:45		Coffee Break			Evaluation of Work Groups Results - aula 00.08	15:45		
16:00	"Fundamentals in plasmasphere", Fabien Darrouzet (BIRA-IASB) - aula 00.08		Coffee Break	Coffee Break		16:00		
16:15		"Ionospheric predictions for large scale storms", Anna Belehaki (NOA) - Raadzaal 00.18	"TID nowcasting models - LSTIDs", Antoni Segarra (OE) - aula 00.08		Announcement of Work Groups Evaluation - aula 00.08	16:15		
16:30						16:30		
16:45					Farewell	16:45		
17:00	"Fundamentals in ionosphere", Luca Spogli (INGV) - aula 00.08	"Ionospheric data assimilation models", Ivan Galkin (BGD) - Raadzaal 00.18	"TID forecasting models - LSTIDs", Luca Spogli/Claudio Cesaroni (INGV) - aula 00.08	Work Groups in Action- aula 00.08 & Dijlezaal M00.A1		17:00		
17:15						17:15		
17:30						17:30		
17:45						17:45		
18:00						18:00		
18:15						18:15		
18:30	Welcome Drink - Huis Bethlehem, KU Leuven, Reception Room					18:30		
18:45						18:45		
19:00						19:00		
19:15						19:15		
19:30				Social Dinner - DOMUS Leuven		19:30		
19:45						19:45		
20:00						20:00		
20:15						20:15		
20:30						20:30		
20:45						20:45		
21:00						21:00		
21:15						21:15		
21:30						21:30		
21:45		Social Activity - Brewery Visit Stella Artois				21:45		
22:00						22:00		
22:15						22:15		
22:30						22:30		