Agenda ARES III School
Biarritz 2023 September 11-16

Lecture	21h	**Free**	
Training	17h	**Information, organization**	

	Monday Sept 11	Tuesday Sept 12	Wednesday Sept 13	Thursday Sept 14	Friday Sept 15	Saturday Sept 16	Sunday Sept 17
Morning 1 (9h00-10h30)		Thermal structure (Jeremy Leconte, LAB)	Clouds and Hazes (Benjamin Charnay, LESIA)	Introduction to Machine Learning Orphée Faucoz & Denis Standarovski (CNES)	Training Machine learning : questions & discussion (Orphée, Denis)	Atmospheric escape (James Owen)	Departure after breakfast
Pause							
Morning 2 (11h00-12h30)	Arrival before lunch	Chemistry & Photochemistry (Olivia Venot, LISA)	Planetary formation (Diego Turini, U Roma)	Machine Learning (suite)	Training retrieval (Yassin, Lorenzo)	Machine Learning for exoplanets (Ingo Waldmann, UCL)	
Lunch 12h30-14h00							
Afternoon (14h-16h)	Introduction ARES III Jean-Philippe Beaulieu Exoplanets and JWST (JP Beaulieu, IAP)	Training session Yassin Jaziri (LATMOS, UPS) & Lorenzo Mugnai	Arielrad and noise (Lorenzo Mugnai) JWST Exposure Time Calculator (B. Charnay)	Training Machine Learning (Orphée, Denis)	FromPlanets to exoplanets (Pierre Drossart)	Training (Yassin, Lorenzo)	
Pause							
Afternoon (16h30-18h30)	Molecular spectroscopy (Pierre Drossart, IAP) Introduction to training (Yassin Jaziri)		Training (Yassin, Lorenzo)		Machine learning for exoplanets (Katia Matcheva, U. Florida)	Results & conclusions	
Dinner							