



Astrobiology Introductory Course

PROGRAM ASTROBIOLOGY INTRODUCTORY COURSE 2023

mars-2023	Sunday, March 12th	Monday, March 13th	Tuesday, March 14th	Wednesday, March 15th	Thursday, March 16th	Friday, March 17th	Saturday, March 18th	
8h30-9h		What is Astrobiology ? V. Vinogradoff/M. Gargaud / H. Cottin						
9h-10h30		From Clouds to the Sun: The First 10 Million Years Manuel Guedel	Solar System Formation Aurélien Crida	Organic chemistry in the Solar System Catherine Walsh	Primitive Earth Environment Isabelle Daniel	Science vs Science Fiction in Astrobiology Natacha Vas-Deyres/Franck Selsis	End of the school & Optional Dune du Pilat Excursion	
10h30-11h	Coffee Break							
11h-12h30		From Clouds to the Sun: The First 10 Million Years Manuel Guedel	Solar System Formation Aurélien Crida	Prebiotic Chemistry David Russell	Challenges in life detection Sean McMahon	Communication in science Laurence Honnorat		
12h30-14h								
14h-15h								
15h-16h30	Arrival & Installation + Optional visit of the bird park	Habitability of the Earth Isabelle Daniel	Habitability of Mars Nicolas Mangold	Prebiotic chemistry at hydrothermal vents Samuel Marre	Projects preparation	Projects presentation		
16h30-17h	Coffee Break							
17h-18h30	Your thesis in 120s	What makes an environment habitable ? Christian Mustin	Habitability of exoplanets Martin Turbet	The tree of life Céline Brochier	Projects preparation	Projects presentation		
18h30-19h30	Icebreaker	Discussion	Discussion	Discussion	Conclusions of the school			
19h30-20h30	Diner							
20h30-23h		Geology Workshop (TBC)	Project - team formation	Movie & Discussion	Projects preparation	Farewell dinner		