



Astrobiology Introductory Course

PROGRAM

ASTROBIOLOGY INTRODUCTORY COURSE 2022

mars-2022	Sunday, March 13rd	Monday, March 14th	Tuesday, March 15th	Wednesday, March 16th	Thursday, March 17th	Friday, March 18th	Saturday, March 19th
8h30-9h		What is Astrobiology ? M. Gargaud/H. Cottin					
9h-10h30		Nucleosynthesis across cosmic time in the Universe Corinne Charbonnel	Datation & Radiochronology Maud Boyet	The role of Astrochemistry in Astrobiology Nigel Mason	Exploring life in extreme environments: deep-sea hydrothermal vents Anaïs Cario	Philosophical aspects of astrobiology Erik Persson	End of the school / Optional Excursion (Dune du Pilat - 9h30/12h30)
10h30-11h	Coffee Break						
11h-12h30		Nucleosynthesis across cosmic time in the Universe Corinne Charbonnel	Continental growth during the first billion years of the Earth history Ewa Slaby	The first steps of life from a chemical perspective Robert Pascal	On the origins of life: exploring the systems bridge from chemistry to biology Kepa Ruiz-Mirazo	Contingency and origin of life Stéphane Tirard	
12h30-14h	Lunch						
14h-15h	Informal discussion						
15h-16h30	Arrival & Installation	Meteorites: genesis and evolution of planetary bodies Brigitte Zanda	Space missions for Detection & characterisation of exoplanets Quentin Changeat	Classification in science Guillaume Lecointre	Projects preparation	Projects presentation	
16h30-17h	Your thesis in 120s	Coffee Break					
17h-18h30		Impacts and their consequences for life Anna Losiak	Icy moons surface and depths: more than meet the eyes Christophe Sotin	The concept of evolution Guillaume Lecointre	Projects preparation	Projects presentation	
18h30-19h30	Icebreaker	Discussion	Discussion	Discussion		Conclusions of the school	
19h30-20h30	Diner						Farewell dinner
20h30-23h		Meteorites Workshop	Project - team formation	Projects preparation	Projects preparation		