

AstrobiologyOU, STFC and ASB Present:

INTRODUCTORY ASTROBIOLOGY

Introducing all aspects of astrobiology for
STFC funded PhD students

Programme

Monday 2nd - Monday 9th November 2020



Monday 2nd November 2020

9.00-9.30 Welcome

9.30-12.00 Attendee Flash talks

Bea Baharier and Zoe Morland (PhD Students; AstrobiologyOU)

12.00-13.00 Lunch

13.00-15.00 Mars Mission Simulation: Briefing

Geoff Austin (Software Manager; SWIM Team) and Susanne Schwenzer (Associate Director; AstrobiologyOU)

15.00-16.00 Keynote from **Dr Valérie Ciarletti** (PI of WISDOM on ExoMars): Looking for traces of life in the Martian subsurface with Rosalind Franklin

16.00-16.30 Afternoon Break

16.30-18.30 Icebreaker

Tuesday 3rd November 2020

9.30-12.00 Mars Mission Simulations: Planning

Geoff Austin (OpenSTEM Lab) and Susanne Schwenzer (Associate Director; AstrobiologyOU)

12.00-13.00 Theoretical Techniques: Bioinformatics and Modelling

Julia Semprich, Sevi Filippidou, Ben Tatton and Rachael Hamp (ECRs; AstrobiologyOU)

13.00-14.00 Lunch

14.00-15.00 Sample Curation Lecture

Kevin Righter (Antarctic Meteorite Curator; NASA)

15.00-16.00 Budgets are Boring, Why Bother?

Louise Thomas (Senior Manager; AstrobiologyOU)

16.00-16.30 Afternoon Break

16.30-18.30 Ask Me Anything

Bea Baharier and Zoe Morland (PhD Students; AstrobiologyOU) with Candice Bedford (PDRA; LPI/NASA Johnson Space Center), Mario Toubes-Rodrigo, Charlotte Spencer-Jones (PDRAs; AstrobiologyOU) and Anushree Srivastava (PhD Student; AstrobiologyOU)

Wednesday 4th November 2020

9.00-10.00 Let's have Coffee

10.00-12.00 Mars Mission Simulations: Planning

Geoff Austin (Software Manager; SWIM Team) and Susanne Schwenzer (Associate Director; AstrobiologyOU)

12.00-13.00 Setting Up Experiments and Making Simulants Lecture

Nisha Ramkissoon and Alex Price (PDRAs; AstrobiologyOU)

13.00-14.00 Lunch

14.00-15.00 Grant Writing Skills

Karen Olsson-Francis and Ale Marino (Director and Senior Fellow; AstrobiologyOU)

15.00-15.30 Afternoon Break

15.30-17.30 Slots available for CV 1:1 Sessions

All times UTC (GMT)



Thursday 5th November 2020

10.00-12.00 Mars Mission Simulations: Planning

Geoff Austin (Software Manager; SWIM Team) and Susanne Schwenzer (Associate Director; AstrobiologyOU)

12.00-13.00 Implementing Planetary Protection Policies for Mars Missions

Silvio Sinibaldi (Planetary Protection & Cleanliness and Contamination Lead; Airbus) and Thomas Cheney (Lecturer of Space Governance; AstrobiologyOU)

13.00-14.00 Lunch

14.00-15.00 Engaged Research: An Introduction

Rick Holliman (Professor of Engaged Research; The Open University)

15.00-15.30 Afternoon Break

15.30-17.00 Future Careers Panel with Sector Professions

Kathie Bowden (UKSA), Silvio Sinibaldi (Airbus), Andrew Steele (Carnegie Institution for Science), Karen Olsson-Francis (AstrobiologyOU) and Geraint (Taff) Morgan (AstrobiologyOU). Chair Vic Pearson (AstrobiologyOU)

Friday 6th November 2020

9.00-10.00 Let's have Coffee

10.00-12.00 Mars Mission Simulations: Planning

Geoff Austin (Software Manager; SWIM Team) and Susanne Schwenzer (Associate Director; AstrobiologyOU)

12.00-13.00 Meteorites in Antarctica: Archives of Our Solar System

Vinciane Debaille (Senior Research Sssociate; Université Libre de Bruxelles)

13.00-14.00 Lunch

14.00-15.00 Making Social Media Work For you

Hannah Cooper (Public Engagement Officer; AstrobiologyOU)

15.00-15.30 Afternoon Break

15.30-17.30 Slots available for CV 1:1

Monday 9th November 2020

10.00-11.00 Analogue Field Work Lecture

Sevi Filippidou and Mark Fox-Powell (PDRA and Fellow; AstrobiologyOU)

11.00-12.00 Dealing with Pressure Skills

Neill Boddington (Mental Heath Advisor; The Open University)

12.00-13.30 Lunch

13.30-14.30 Mars Mission Simulation: Debrief

Geoff Austin (Software Manager; SWIM Team) and Susanne Schwenzer (Associate Director; AstrobiologyOU)

14.30-15.00 Afternoon Break

15.00-17.00 Keynote from **Dr Stanley Love** (NASA Astronaut): Spaceflight Analogs:

Exploring the Solar System on Planet Earth

17.00 Closing Remarks