Exo-Atmospheres Summer School II

22-26 June 2020
Bern, Switzerland
www.exoclime.world

ORGANISERS
Kevin Heng (Bern)
Danielle Zemp (Bern)

CSH
CENTER FOR SPACE AND
HABITABILITY

The Exo-Atmospheres Summer School (EASS) is a week-long immersion in the theory and simulation of the atmospheres of exoplanets. It consists of four events combined into one: introductory lectures, a conference, a beginner's hackathon and an expert's hackathon.

The introductory lectures will cover the basics of exoplanetary atmospheres as a one-day "crash course": radiative transfer, chemistry, fluid dynamics. The two-day conference is focused on speakers who are practitioners in the theory and simulation of exoplanetary atmospheres. In particular, we will prioritise giving talk time to junior researchers who actively work on research problems in this field.

The beginner's hackathon introduces students and postdocs to the open-source codes of the Exoclimes Simulation Platform

(ESP; https://github.com/exoclimes). The expert's hackathon is a forum for experts in the field to compare and discuss different computational tools. For 2020, we have invited Prof. Ray Pierrehumbert (Oxford) and Prof. Nathan Mayne (Exeter) for the expert's hackathon.

The EASS will be hosted in the city of Bern, Switzerland. The introductory chalkboard lectures (first day), beginner's hackathon (fourth day) and expert's hackathon (fifth day) will be held on the campus of the University of Bern. The two-day conference (second and third days) will be held at the top of a local hill named the Gurten (www.gurtenpark.ch); the conference venue is named the Gurten Pavillon (https://www.gurtenpark.ch/de-CH/Service-Pages/Pavillon).

For more details, including how to submit your application, please see:

www.exoclime.world
@ExoclimeSP

REGISTRATION FEE
500 Swiss francs (CHF),
includes 3 lunches and coffee/tea

APPLICATION DEADLINE
30th April 2020 (Thursday)

**REGISTRATION FEE
PAYMENT DEADLINE**
29th May 2020 (Friday)