

CSH Symposium 2019

by Prof. Dr. Kevin Heng, CSH Director
(finalized on 12th December 2018)



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CENTER FOR SPACE AND
HABITABILITY

The CSH Fellowship is the flagship program for the CSH to attract the best, young, dynamic postdocs to carry out their research programs at the University of Bern and its international partners. The annual CSH Symposium serves two purposes: to feature talks from both **CSH Fellowship candidates** and existing **CSH Fellows**, as well as our Swiss National Science Foundation (**SNF Professors**) and **Ambizione Fellows**. It is a showcase of both the talent we have and the talent we wish to hire. In 2018, the CSH Symposium occurs on **24th Jan 2019 (Thursday)** in the **Kursaal** (Kornhausstrasse 3, CH-3000) at the edge of the old town of Bern.

Time	Speaker	Talk Title [Expertise]
08.00-08.30	Welcome coffee/tea	
08.30-09.00	Prof. Kevin Heng	Director's Introduction to CSH + Overview of Exoplanets & Exoclimates Group
09.00-09.30	Dr. Megan Ansdell (UC-Berkeley)	Machine learning in astronomy
09.30-10.00	Jayesh Goyal (Exeter)	Exoplanetary atmospheres, radiative transfer
10.00-10.15	Chloe Fisher (CSH)	Exoplanetary atmospheres, machine learning
10.15-10.30	Prof. Susanne Wampfler (CSH)	Astrochemistry, Rosetta, ALMA
10.30-11.00	Coffee/tea break	
11.00-11.30	Dr. Ben Rackham (Arizona)	Transit photometry of exoplanets
11.30-12.00	Brett Morris (Univ. Washington)	Stellar astronomy, transits, K2, TESS
12.00-12.15	Prof. Brice-Olivier Demory (CSH)	Exoplanet detection, SAINT-Ex
12.15-13.30	Lunch	
13.30-14.00	Hilary Egan (Univ. Colorado)	Mars (MAVEN), atmospheric escape, plasma physics
14.00-14.15	PD Dr. Antoine Pommerol (WP)	Overview of Mars group in Bern
14.15-14.30	Dr. Dan Bower (CSH)	Geodynamics
14.30-15.00	Dr. Meng Tian (Oxford)	Deep carbon cycle of Earth, geochemistry, evolution of Earth's atmosphere

Time	Speaker	Talk Title [Expertise]
15.00-15.30	Coffee/tea break	
15.30-16.00	Clemence Fontanive (Edinburgh)	Ultracool stars, stellar binaries, direct imaging
16.00-16.30	Daniel Thorngren (UC-Santa Cruz)	Planet formation, mass-radius relations, statistics
16.30-16.45	Dr. Jens Hoeijmakers (PlanetS)	High-resolution spectroscopy of exoplanetary atmospheres
16.45-17.00	Prof. Christoph Mordasini (WP)	Planet formation theory

In addition to the 16 speakers above, the following individuals were also invited for the Symposium dinner: Prof. Claus Beisbart, Dr. Jean Ballard, Dr. Maria Drozdovskaya, Dr. Simon Grimm, Dr. Daniel Kitzmann, Prof. Klaus Mezger, Prof. Peter Wurz.