

**Programme on**  
**“Astrophysical Origins: Pathways from Star Formation to Habitable Planets”**

**June 17 – August 2, 2019**

**organized by**

**Manuel Güdel (U Vienna), Ramon Brasser (ELSI, Tokyo), Theresa Lüftinger (U Vienna),  
Stephen Mojzsis (U of Colorado, Boulder)**

**Week 4**

**July 8 – 12, 2019**

• **Monday, July 8, 2019**

09:30 – 10:00 **Registration, Coffee and Welcome!**

10:00 – 11:00 **Peter Voitke**

*Disk and planetary crusts/atmospheres*

11:00 – 12:30 **Free discussion amongst participants**

12:30 – 14:00 *Lunch Break*

14:00 – 15:30 **Nader Haghighipour**

*Planet formation*

15:30 – 17:00 **Open forum for general discussion**

• **Tuesday, July 9, 2019**

10:00 – 10:45 **Athanasia Nikolaou**

*Magma oceans and outgassing*

10:45 – 12:30 **Free discussion amongst participants**

12:30 – 14:00 *Lunch Break*

14:00 – 15:30 **Akos Kereszturi**

*History of habitability in the solar system*

15:30 – 17:00 **Open forum for general discussion**

• **Wednesday, July 10, 2019**

10:00 – 11:30 **Susanne Pfalzner**

*Planets in clusters*

11:30 – 12:30 **Free discussion amongst participants**

12:30 – 14:00 *Lunch Break*

14:00 – 15:30 **Open forum for general discussion**

16:00 – 17:00 **Guided tour at the Museum for Natural History (NHM) in Vienna**

17:00 – 18:00 Talk at the NHM by **Christian Koeberl** (director of NHM)

*Early Archean impact record on Earth*

18:00 – 21:00 **You will have the possibility to stay at the NHM and visit all other exhibits there until 21h00!**

- **Thursday, July 11, 2019**

10:00 – 11:30 **Mareike Godolt**

*Habitability and atmospheric signatures of rocky extrasolar planets around cool stars*

11:30 – 12:30 **Free discussion amongst participants**

12:30 – 14:00 *Lunch Break*

14:00 – 15:30 **Sergei Nayakshin**

*Tidal Downsizing theory of planet formation, from the Solar System to ALMA planets*

Evening **Workshop Dinner** (at own expenses)

- **Friday, July 12, 2019**

10:00 – 11:30 **Ofer Cohen**

*Stellar/heliophysics*

11:30 – 12:30 **Free discussion amongst participants**

12:30 – 14:00 *Lunch Break*

14:00 – 17:00 **Open forum for general discussion**

**All talks take place at ESI, Schrödinger Lecture Hall!**