

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 5

July 15 – 19, 2019

• **Monday, July 15, 2019**

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

10:00 – 11:30 **Gaitee Hussain**

Probing the evolution of PMS star magnetic fields as their discs dissipate

11:30 – 12:30 **Nader Haghhighipour**

Open discussion on: Planet formation, water delivery and Late heavy Bombardments

12:30 – 14:00 *Lunch Break*

14:00 – 17:00 **Open discussion time - open questions in the field, provocative topics OR:
Colin Johnstone: Planetary upper atmospheres**

• **Tuesday, July 16, 2019**

10:00 – 11:30 **Sami Solanki**

The Sun's magnetic field and variability

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

12:30 – 14:00 *Lunch Break*

14:00 – 17:00 **Open discussion time - open questions in the field, provocative topics**

• **Wednesday, July 17, 2019**

10:00 – 11:30 **Caroline Dorn**

Extrasolar planet chemistry and dynamics

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

12:30 – 14:00 *Lunch Break*

14:00 – 17:00 **Open discussion time - open questions in the field, provocative topics**

- **Thursday, July 18, 2019**

10:00 – 11:30 **Ildar Shaikhislamov**

Hot extrasolar planets

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

12:30 – 14:00 *Lunch Break*

14:00 – 15:30 **Eduard Vorobyov**

On the likelihood of planet formation via disk gravitational fragmentation

15:30 – 17:00 **Open forum for general discussion (everyone welcome and encouraged to attend)**

Evening **Workshop Dinner**

- **Friday, July 19, 2019**

10:00 – 11:30 **Dmitry Bisikalo**

Hot Jupiter atmospheres

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

12:30 – 14:00 *Lunch Break*

14:00 – 15:30 **Nader Haghighipour**

Open discussion on: Grand Tack, why it was created, and what it implied!

All talks take place at ESI, Schrödinger Lecture Hall!