

# Exoplanets: Past, Present, and Future

## **PUFENDORF INSTITUTE** **FOR ADVANCED STUDIES**

Symposium of the research theme "*Astrobiology: Past, Present, and Future*", Pufendorf Institute, Lund University

**Friday May 13, 2011, The Pufendorf Institute (Sölvegatan 2 / Biskopsgatan 3, Lund)**

08:30 Coffee

09:00 **Welcome/Introduction**  
*David Dunér* (Coordinator, Pufendorf Institute)

09:10 **Exoplanets and life**  
*Eric Gaidos* (School of Ocean and Earth Science and Technology, University of Hawai'i at Manoa, Honolulu)

09:55 Coffee break

10:20 **The search for exoplanets: Historical perspectives**  
*Gustav Holmberg* (Research Policy Institute; Pufendorf Institute; & Division of History of Ideas and Sciences, Lund University)

10:45 **The spectroscopic road towards exoplanets**  
*Dainis Dravins* (Lund Observatory & Pufendorf Institute)

11:10 **Searching for exoplanets in habitable zones**  
*Uffe Gråe Jørgensen* (Astronomical Observatory, Niels Bohr Institute, Copenhagen)

11:55 Lunch

13:15 **Formation of exoplanets: Accumulation of planetesimals and gas-giant cores**  
*Anders Johansen* (Lund Observatory)

13:40 **Habitable planets around the smallest stars**  
*Ansgar Reiners* (Institut für Astrophysik, Georg-August-Universität, Göttingen)

14:25 Coffee break

14:50 **Stability of planetary systems**  
*Melvyn Davies* (Lund Observatory)

15:15 **Studying exoplanets from space, now and in the future**  
*Malcolm Fridlund* (ESA/ESTEC & Leiden University; ESA CoRoT Project Scientist; ESA PLATO Study Scientist; ESA Exoplanet Roadmap Advisory Team)

16:00 Close

**Saturday May 14, 2011 – Excursion to the island of Ven (Hven)**

11:00 Guided tour of Tycho Brahe's historic observatory and museum

16:00 **Between modernity and apocalypse: Tycho Brahe's position in the history of science**  
*Håkan Håkansson* (Division of History of Ideas and Sciences, Lund University)

(Suggested ferry from Landskrona at 10:00, arriving to Ven at 10:30; timetable on [www.ventrafiken.se](http://www.ventrafiken.se))

**The meeting is open to all interested without prior registration, but only up to the seating capacity of the auditorium. Since that is limited, it is advised to reserve a seat and the Friday lunch by sending an e-mail to [David. Duner@kultur.lu.se](mailto:Duner@kultur.lu.se) (on a first-come, first-served basis, but not later than by May 10).**