

# Planet Formation & Evolution 2014

Kiel University, September 8 - 10, 2014

## Scientific Rationale

The goal of this workshop is to provide a common platform for scientists working in the fields of star and planet formation, exo-planets, astrobiology, and planetary research in general.

Most importantly, this workshop aims to stimulate and intensify the dialogue between researchers using various approaches - observations, theory, and laboratory studies.

Students and Postdocs are particularly encouraged to present their results and to use the opportunity to learn more about the main questions and most recent results in adjacent fields.

## Invited speakers

Eike Guenther (TLS Tautenburg)  
Kevin Heng (ETH Zurich)  
Hubert Klahr (MPIA Heidelberg)  
Alexander Krivov (University Jena)  
Farzana Meru (ETH Zurich)  
Christoph Mordasini (MPIA Heidelberg)  
Heike Rauer (TU Berlin/ DLR Berlin)  
Frank Sohl (DLR Berlin)  
Jens Teiser (University Duisburg-Essen)  
Peter Woitke (St. Andrews University, UK)

## Topics

Circumstellar disks  
Properties & Evolution of the  
gas & the dust phases in disks  
Laboratory experiments:  
Grain growth & the role of ices  
Planet-disk interaction  
Planet population synthesis studies  
The Solar system  
Exo-Planets & Planetary systems  
Debris disks  
Host stars of disks  
Planetary interiors  
Atmospheres & Bio-Signatures

## SOC

Sebastian Wolf (Chair, Kiel)	Thomas Preibisch (München)
Jürgen Blum (Braunschweig)	Heike Rauer (Berlin)
Stephan Dreizler (Göttingen)	Mario Trieloff (Heidelberg)
Barbara Ercolano (München)	Robert Wimmer-Schweingruber (Kiel)
Artie Hatzes (Tautenburg)	Gerhard Wurm (Duisburg)
Willy Kley (Tübingen)	