

THE origins OF STARS

AND THEIR PLANETARY SYSTEMS

JUNE 10-15, 2012

McMASTER UNIVERSITY, HAMILTON, ONTARIO, CANADA

This interdisciplinary conference will explore the deep links between the processes of star and planet formation, highlighting recent advances in observations (Kepler, Herschel), theory, and computation

LOCAL ORGANIZING COMMITTEE:

Ralph Pudritz, James Wadsley, Christine D. Wilson;
Origins Institute (OI), McMaster University

SCIENTIFIC ORGANIZING COMMITTEE:

Isabelle Baraffe
Shantanu Basu
Nuria Calvet
Cathie Clarke
James Di Francesco
Thomas Henning
Shigeru Ida
Ray Jayawardhana
Wilhelm Kley

Ralf Klessen
Mark Krumholz
Alessandro Morbidelli
Norm Murray
Eve Ostriker
Ralph Pudritz
Dimitar Sasselov
James Wadsley
Christine Wilson

TOPICS

STAR FORMATION IN CLUSTERS

PLANETS – STATISTICAL
PROPERTIES

PLANETS IN CLUSTER CONTEXT

YOUNG, GAS-RICH DISKS

ATMOSPHERES AND
EVOLUTIONARY MODELS

CORES AND
SMALL SCALE COLLAPSE

PLANET FORMATION –
EARLY STAGES IN DISKS

PLANET FORMATION –
LATE STAGES

BROWN DWARFS AND
LOWER MASS END OF IMF

INVITED SPEAKERS

Fred Adams **
U. Michigan, U.S.A.

Phillipe Andre *
CEA, Saclay, France

John Bally **
U. Colorado, U.S.A.

Isabelle Baraffe **
U. Exeter, U.K.

Matthew Bate **
U. Exeter, U.K.

Nuria Calvet **
U. Michigan, USA

Gilles Chabrier **
U. Exeter, U.K.

Cathie Clarke *
Institute of Astronomy (IOA),
U. Cambridge, U.K.

Kees Dullemond **
Institut fuer Theoretische
Astrophysik (ITA), Heidelberg,
Germany

Jonathan Fortney **
U. California at Santa Cruz,
U.S.A.

Thomas Henning **
Max Planck Institut fuer
Astronomie (MPIA),
Heidelberg, Germany

Shigeru Ida **
Tokyo Institute of Technology,
Japan

Shu-Ichiro Inutsuka **
Nagoya U., Japan

Ray Jayawardhana **
U. Toronto, Canada

Anders Johansen **
Lund Observatory, Lund U.,
Sweden

Ralf Klessen **
Institut fuer Theoretische
Astrophysik (ITA), Heidel-
berg, Germany

Willy Kley **
U. Tuebingen, Inst. fuer

Kaitlin Kratter **
Harvard- Smithsonian Center
for Astrophysics, U.S.A.

Charlie Lada *
Harvard- Smithsonian Center
for Astrophysics, U.S.A.

Brenda Matthews
Herzberg Inst. for Astrophys-
ics, Canada.

Ralph Pudritz **
Origins Institute (OI),
McMaster U., Canada (chair)

Dimitar Sasselov **
Origins of Life Initiative,
Harvard University, U.S.A

** confirmed – * probable

CONFERENCE REGISTRATION: origins.mcmaster.ca/oi_planets

REGISTRATION DEADLINE: April 15, 2012

CONTACT: origins@mcmaster.ca

