

NCAD 2012

July 19+20, 2012
Space Telescope Science Institute
version as of 7/18

Thursday, July 19

9:00 Welcome!

Dean Hines, John Debes, Marc Kuchner

Primordial/Transitional Disks I

Session Chair: John Debes

9:10

Steve Lubow (STScI) "Evolution of Accretion Disks With Dead Zones"

9:30

Fred Adams (U. Michigan), "Magnetically Controlled Accretion in Young Star/Disk Systems"

9:50

James Muzerolle (STScI) "Binary-Modulated Disk Accretion: Insights from Infrared Variability"

10:10 Discussion and Coffee Break

Primordial/Transitional Disks II

Session Chair: Mary Barsony

10:40

Carol Grady (NASA Goddard/Eureka) "The SEEDS of Planet Formation: Indirect Signatures of Giant Planet Presence in Transitional Disks"

11:00

Jun Hashimoto (NAOJ) and R. Dong et al. "Polarimetric Imaging of Large Cavity Structures in the Transitional Disk around PDS 70."

11:20

Jeremy Hornbeck (University of Louisville), "Ice Fishing - Probing Circumstellar Disks by Combining High-Contrast Imagery and Monte Carlo Radiative Transfer Simulations"

11:40

Benjamin Sargent (U. Rochester) "Water Vapor in the 5–7.5 Micron Spitzer-IRS Spectra of Protoplanetary Disks"

12:00

Discussion, Lunch and Posters

Primordial/Transitional Disks III

Session Chair: Steve Lubow

2:00

Avi Mandell (NASA Goddard) "Spatial Distributions of Organics in TT Disks From High-Resolution NIR Spectroscopy"

2:20

John Tobin (NRAO/Charlottesville) "A Resolved, Keplerian Disk Around One of the Youngest Protostars"

2:40

Michael Sitko (University of Cincinnati) "Disk Variability"

3:00

Discussion and Coffee

Debris Disks I

Session Chair: Thayne Currie

3:20

Alycia Weinberger (Carnegie DTM), "Parallactic Distances to Nearby Young Association Stars and their Influence on Disk Evolution Studies"

3:50

Glenn Schneider (Steward Observatory), "Debris Disk Structure and Morphology as Revealed by Aggressive STIS Multi-Roll Coronagraphy; A new look at some old friends."

4:10

Deborah Padgett (GSFC) "Finding Debris Disks With WISE"

4:30

Discussion

Friday, July 20

Debris Disks II

Session Chair: Erika Nesvold

9:10

Aki Roberge (NASA Goddard) "Highlights on Debris Disks from the Herschel Key Programmes"

9:30

Jessica Donaldson (UMD) "Herschel Observations and Modeling of the HD 32297 Debris Disk"

9:50

Karl Stapelfeldt (NASA Goddard) "A New Eccentric Ring Imaged with HST"

10:10 Discussion and Coffee

Debris Disks III

Session Chair: Dean Hines

10:40

Marc Kuchner (NASA Goddard) "Making Eccentric Rings in Debris Disks via Gas Drag Instability"

11:00

Chris Stark (Carnegie DTM) "Searching for Exozodiacal Clouds with Kepler"

11:20

Andras Gaspar (U. Arizona) "The Collisional Evolution of Debris Disks"

11:40

Erika Nesvold (NASA Goddard/UMBC) "Debris Disks: Modeling Collisions and Dynamics Together"

12:00

Discussion, Lunch and Posters

Debris Disks IV

Session chair: Jessica Donaldson

2:00

Dean Hines (STScI) “Disk Imaging, Characterization, and Exploration (DICE) with HST/STIS Multi-Roll Coronagraphy: A Clearer Picture of The Moth’s Anatomy”

2:20

Casey Lisse (APL) “Binary Systems with Debris Disks”

2:40

John Debes (STScI) “Circumstellar calcium around WD 1124-293: The last gasp of a dead planetary system”

3:00 Discussion and Coffee

Exoplanets

Session Chair: TBD

3:30

Timothy Rodigas (University of Arizona) “LBT results on HD 15115”

3:50

Thayne Currie (NASA Goddard) “The Atmospheres and Dynamics of Planets Orbiting HR8799”

4:10

Joe Carson (College of Charleston), “The Subaru SEEDS Imaging Search for Exoplanets of High Mass Stars”

4:30

Wade Henning (NASA Goddard) “Tidally Heated Terrestrial Exoplanets”

4:50

Discussion and Wrap Up

Posters/Other Attendees

Andrew W. Cox (Villanova University) “The disk and Jet of the Classical T Tauri Star AA Tau”

Mary Barsony (San Francisco State University) “A large new population of candidate young stellar objects in rho Oph”

Mike Werner (JPL)

Christine Chen (STScI)

Eric Fons (Anne Arundal Comm. College)

Bill Danchi (NASA Goddard)

Attendees in Alphabetical Order

Fred Adams (U. Michigan)

Mary Barsony (San Francisco State University)

Sandra Blevins (Catholic/STSci)

Joe Carson (College of Charleston)

Christine Chen (STSCI)

Ron Cohen (Nature)

Thayne Currie (NASA Goddard)

Andrew W. Cox (Villanova University)

Bill Danchi (NASA Goddard)

John Debes (STSCI)

Jessica Donaldson (UMD)

Eric Fons (Anne Arundal Comm. College)

Andras Gaspar (U. Arizona)

Carol Grady (GSFC/Eureka)

Jun Hashimoto (NAOJ)

Wade Henning (NASA Goddard)

Dean Hines (STSCI)

Jeremy Hornbeck (University of Louisville)

Marc Kuchner (GSFC)

Casey Lisse (APL)

Steve Lubow (STSCI)

Avi Mandell (GSFC)

James Muzerolle (STSCI)

Erika Nesvold (GSFC/UMBC)

Deborah Padgett (GSFC)

Marshall Perrin (STSci)

Aki Roberge (GSFC)

Timothy Rodigas (University of Arizona)

Benjamin Sargent (U. Rochester)

Karl Stapelfeldt (GSFC)

Chris Stark (Carnegie DTM)

Glenn Schneider (Steward Observatory) TBD

Michael Sitko (University of Cincinnati)

John Tobin (NRAO/Charlottesville)

Alycia Weinberger (Carnegie DTM)

Mike Werner (JPL)