

Day 2 - Tuesday, May 12, 2015:

Location: Georgia State University Student Center, Ballroom A

9:00 am **Daily announcements**
(Sebastien Lepine - LOC chair)

Session 2 - NYMGs and their members: new insights into the early evolution of low- to intermediate-mass stars.

9:10 am **Review talk**
Stellar Evolution Models of Young Stars: Recent Progress and Fundamental Limitations.
*(Gregory Feiden, Uppsala University)**

9:40 am **Contributed talk**
New Evolutionary Models for Pre-main Sequence Stars and Young Brown Dwarfs.
(Isabelle Baraffe, University of Exeter)

9:50 am **Focus talk**
Anomalous Spectral Types and Intrinsic Colors of Young Stars.
*(Mark Pecaut, Rockhurst University)**

10:10 am **Contributed talk**
The Effects of Spots on the Fundamental Parameters and Lithium Abundances of Pre-Main Sequence Stars.
(Garrett Somers, The Ohio State University)

10:20 am ***Coffee break and poster viewing.***

11:00 pm **Review talk**
Early Rotational Evolution.
*(Sean Matt, University of Exeter) **

11:30 am **Contributed talk**
Angular Momentum Evolution of Young Solar-Type Stars.
(Amard Louis, Université de Montpellier - Observatoire de Genève)

11:40 pm **Focus talk**
Magnetic Fields of Young Non-Accreting Stars.
*(Gaïtee Hussain, ESO)**

12:00 pm **Contributed talk**
The Evolution of Surface Magnetic Fields in Young Solar-type Stars.
(Colin Folsom, Institut de Planétologie et d'Astrophysique de Grenoble)

12:10 pm ***Open discussion***

12:30 pm ***Lunch break and poster viewing.***

- 2:00 pm** **Review talk**
The Binarity of Young Stars.
(Adam Kraus, University of Texas in Austin)*
- 2:30 am** **Contributed talk**
M Dwarf Multiplicity in the Solar Neighborhood.
(Jennifer Winters, Georgia State University - RECONS)
- 2:40 am** **Contributed talk**
Constraining the Early Stages of Stellar Evolution with Eclipsing Binaries.
(Ed Gillen, University of Oxford)
- 2:50 am** **Focus talk**
Cloud-Driven Variability on Young Brown Dwarfs and Giant Exoplanets.
(Beth Biller, Institute for Astronomy - University of Edinburgh)*
- 3:10 pm** **Contributed talk**
Accretion, Outflows and Magnetic Activity in the TW Hya Association.
(Beate Stelzer, INAF Osservatorio Astronomico di Palermo)
- 3:20 pm** **Contributed talk**
Flickering Young Stars: Clues to Star and Planet Formation.
(Ann Mary Cody, NASA Ames)
- 3:30 pm** **Coffee break and poster viewing.**

Session 3 - Disks orbiting NYMG members: shedding light on protoplanetary disk sculpting and dispersal.

- 4:00 pm** **Review talk**
Protoplanetary Disks and Their Evolution.
(Lucas Cieza, Universidad Diego Portales) *
- 4:30 pm** **Contributed talk**
Protoplanetary Disks Evolution: Singles vs. Binaries.
(Sebastian Daemgen, University of Toronto)
- 4:40 pm** **Contributed talk**
Gas Inside Dust Cavities of Transitional Disks: Evidence for Embedded Planets.
(Nienke van der Marel, Leiden Observatory)
- 4:50 am** **Focus talk**
The Chemistry of Nearby Disks.
(Karin Öberg, Harvard University) *
- 5:10 pm** **Contributed talk**
X-ray Absorption Studies of Young Stars.
(Christian Schneider, EAS/ESTEC)

5:20 pm *Open discussion.*

6:00 pm *Adjourn for the day.*

Evening Public Event

Location: Georgia State University Student Center, Auditorium

7:30 pm **Public lecture and debate**

The Search for Extraterrestrial Intelligence - and Why it will Fail.

(Ben Zuckerman)