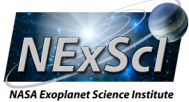




National Aeronautics and Space
Administration
Jet Propulsion Laboratory
California Institute of Technology



NASA Exoplanet Science Institute

2010 Sagan Summer Workshop Orientation Information

Dr. Dawn Gelino

Sagan Program Scientist

NASA Exoplanet Science Institute

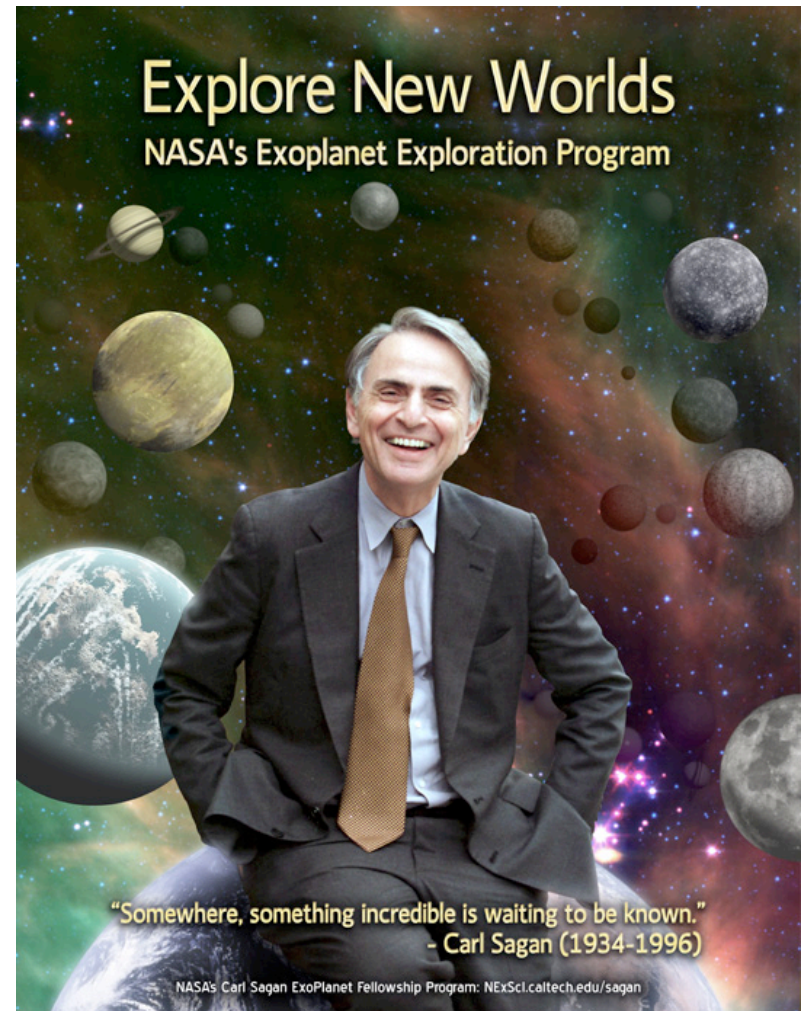
July 26, 2010

Welcome to the 2010 Sagan Summer Workshop!



NASA Exoplanet Science Institute

- The Sagan Program is part of NASA's Exoplanet Exploration Program (ExEP), one of three science themed programs at NASA (including Cosmic Origins & Physics of the Cosmos)
- The primary goal of missions within ExEP is to discover and characterize planetary systems and Earth-like planets around nearby stars.
- The SSW continues along the tradition of the past 11 Michelson/Sagan Summer Workshops



The Local Organizing Committee



NASA Exoplanet Science Institute

➤ The 2010 SSW LOC:

- Ellen O’Leary
- Carolyn Brinkworth
- Dawn Gelino
- Kathy Golden
- Helga Mycroft
- Irene Loera
- Renee Newman



➤ Kathy, Irene, and Renee will be handling speaker and supported attendee travel reimbursements

The Scientific Organizing Committee



NASA Exoplanet Science Institute

- Annie Baglin (Paris Observatory, CoRoT)
- Sarbani Basu (Yale University)
- Chas Beichman (NExSci)
- Debra Fischer (Yale University)
- Dawn Gelino (NExSci)
- Ron Gilliland (STScI, Kepler)
- Vicki Meadows (University of Washington)
- John Stauffer (IPAC/Caltech)
- Ignasi Ribas (Institut de Ciències de l'Espai)

NExSci Home For the Public KECK SIM Lite Exoplanet Exploration

NASA Exoplanet Science Institute
California Institute of Technology

ipac JPL NASA

ABOUT CONFERENCES SAGAN PROGRAM MISSIONS & INSTRUMENTS SCIENCE AT NExSci SCIENCE DATA SOFTWARE & WEB TOOLS HELP

2010 Sagan Exoplanet Summer Workshop: July 26-30, 2010
Stars as Homes for Habitable Planetary Systems

images courtesy NASA/JPL-Caltech, NASA/JPL-Caltech, ESO

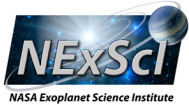
Agenda
[return to workshop main page](#)

Sunday, July 25
6:00-8:00 pm Workshop Opening Reception — Beckman Institute Courtyard, Caltech

Monday, July 26
9:00 am: Welcome and Opening Comments — Dawn Gelino (NExSci)
9:15 am: Exoplanet and Host Star Overview — Andrew Howard (UC Berkeley)
10:15 am: Attendee Pops (10) - [click here](#) for schedule and posted presentations
10:35 am: *Morning Break*
11:00 am: [Basic Stellar Properties and Evolution](#) — David Soderblom (STScI)
12:00 pm: Attendee Pops (20) - [click here](#) for schedule and posted presentations
12:40 pm: *Lunch (provided)*
1:30 pm: [Classical Methods for Determining Stellar Masses, Temperatures, and Radii](#) — Willie Torres (Harvard Smithsonian CfA)
2:15 pm: Group Project Introduction — Chas Beichman (NExSci)

- 2:20 pm: [Group 1: Tidal Evolution and the Lifetime of Extrasolar Planets](#) — C. Beichman for R Barnes (Univ. of Washington)
- 2:28 pm: [Accessing Kepler and CoRoT data via MAST, NStED, and the IAS Data and Operations Center](#) — P. Plavchan (NExSci)
- 2:34 pm: [Introduction to Time-Series and Identifying Variability and Periodicities](#) — P. Plavchan (NExSci)
- 2:42 pm: [Group 2: Hunting for Planets with Kepler](#) — K. von Braun (NExSci)
- 2:48 pm: [Group 3: Hunting for Planets with CoRoT](#) — S. Kane (NExSci)

The Speakers



NASA Exoplanet Science Institute

➤ Special Thanks to our speakers for submitting their presentations before the workshop!



➤ PDFs of all submitted presentations can be found on-line at:
<http://nexsci.caltech.edu/workshop/2010/agenda.shtml>

Interactive Workshop Features!



➤ Attendee Pops

- All speakers in a given group will line up at the front of the room
- Each speaker will be given *exactly 2 minutes* to present their submitted slides

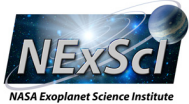


➤ Group Projects

- Choose from 6 different projects
 - Sign-up before the end of the afternoon coffee break today
 - Group presentations on Friday morning and afternoon
 - Prizes will be given out in a few categories
 - Supported attendees are especially encouraged to participate
-
- **Electronic Posters** will be displayed in the registration area throughout the week



Workshop Events



NASA Exoplanet Science Institute

- **Monday**
 - Sign up for group projects: by end of afternoon break
- **Tuesday**
 - Group Picture: Morning Break @ 10:40 am
- **Wednesday**
 - Griffith Observatory Tour: 12:30 ~ 5:30 pm
- **Thursday**
 - Workshop Banquet at Mijares: 6:30 pm
- **Friday**
 - Group Project Presentations: before and after lunch
 - Survey and Group Project Prizes



Free Stuff!!



NASA Exoplanet Science Institute

- **In your NExSci folder:**
 - Pad of paper and NExSci pen
 - SSW10 Agenda
 - Bus, Tour, Dinner, and Internet info
 - NExSci information

- **On the table:**
 - NExSci Archives: NStED and KOA information
 - Sagan Fellowship information
 - Pasadena and Caltech guides (for reference only)

- **On the Message Board:**
 - Sign-ups for Group Projects



Tour of Griffith Observatory



NASA Exoplanet Science Institute

- Depart from campus Wednesday at 12:30 pm
- You must bring your ticket and badge
- Dress for walking in hot weather!
- Tour schedule included in your folder
- Bus will stop at Caltech and the Hilton when we return to Pasadena around 5:30 pm
- No bus transportation from campus to Workshop Hotel at 12:30
- Ticket exchange box located on the registration table
- Additional tickets may be purchased for \$25 before noon today
- Please let us know by Noon on Monday if not planning on attending the tour





Thursday Night Banquet

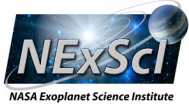


NASA Exoplanet Science Institute

- 6:30 PM at Mijares Mexican Restaurant
- You must bring your ticket and badge
- Additional tickets may be purchased for \$37 before Noon today
- No bus transportation will be provided
 - < 1 mile from workshop hotel (map in your folder)
- Buffet will include:
 - chips and salsa
 - fajita buffet
 - assorted desserts
 - non-alcoholic drinks
- Cash bar available
- Please let us know by Noon today if you have changed your mind about attending



Speaker Instructions



60 & 55 minute talks:

- Includes 7 minutes for questions
- **Yellow** card means 10 minutes left
- **Red** card means 5 minutes left

45 minute talks:

- Includes 5 minutes for questions
- **Yellow** card means 10 minutes left
- **Red** card means 3 minutes left

**When timer sounds
NO TIME LEFT!!**



30 minute talks:

- Includes 5 minutes for questions
- **Yellow** card means 7 minutes left
- **Red** card means 2 minutes left

> 10 minute talks:

- Includes 1 minutes for questions
- **Red** card means 1 minute left

General Information

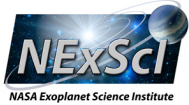


- Auditorium is not locked, so leave items at your own risk
- Vegetarian and Vegan lunches will be held separately at the registration desk
- Travel reports are to be submitted *AFTER* you return home
- Travel Reports must include:
 - Completed reimbursement form (included in guidelines)
 - Original receipts
 - Working FAX number
- **Reminders:**
 - *No food/drink in the auditorium, please!*
 - *Silence your cell phones and laptops!*





Let's Get Started!!



NASA Exoplanet Science Institute



Sagan Summer Workshop Class of 2009

Have Fun and Enjoy the Workshop!!