

“The Ages of Stars”

Daily Agenda

All oral presentations are in the Corinthian Room. Posters and refreshments are in the Marble Room.

Times indicated are start times.

This schedule is subject to change. Be sure to check the symposium web page for updates.

Sunday, October 12, 2008

Opening reception

19:00 Opening reception for all participants and companions; Marble Room

Monday, October 13, 2008

Opening

8:30 Symposium opening and welcome. News and announcements.

8:45 David Soderblom Some problems in studying the ages of stars

Session 1: The Milky Way and nearby galaxies

Session Chair: Guido De Marchi

9:00 Rosemary Wyse The star formation history of the Milky Way

9:35 Jon Fulbright The Bulge of the Milky Way

10:10 *poster viewing and refreshments*

10:55 Sofia Feltzing The age of the Galaxy's thick disk

11:20 Birgitta Nordström Disk heating in the Galactic thin disk

11:50 Antonio Pipino Time scales for chemical enrichment in the Galaxy

12:25 *lunch*

Session Chair: Carla Cacciari

14:00 Carme Gallart The star formation histories of the Magellanic Clouds

14:25 Monica Tosi Star formation histories of resolved galaxies

15:00 Edouard Bernard Variable stars as tracers of population gradients

15:15 *poster viewing and refreshments*

Session 2: Ages of pre-main sequence and zero-age main sequence stars

Session Chair: Michal Simon

16:00 Francesco Palla Models of pre-main sequence stars

16:35 Lynne Hillenbrand Age-related observations of low-mass PMS and ZAMS stars

17:10 Robin Jeffries Measuring age spreads in star-forming regions and young clusters

17:25 Tim Naylor New methods for determining the ages of PMS stars

17:40 Michael Meyer Using ages to interpret observations of proto-planetary and debris disks

18:10 *adjourn*

Tuesday, October 14, 2008

Opening

8:45 David Soderblom Announcements and news of the day

Session 3: Ages of young stars (continued)

Session Chair: Andrea Dupree

9:00 David Fernández Using ages and kinematic traceback: the origin of young local associations
9:25 Con Deliyannis Lithium depletion and age in low-mass stars
10:00 Sofia Randich Using lithium to derive the ages of stars like our Sun
10:15 *poster viewing and refreshments*
10:55 Marc Pinsonneault Understanding open cluster H-R diagrams: theory
11:30 Elizabeth Jeffery Observational problems in determining the ages of open clusters
12:05 Angela Bragaglia BOCCE: A large, homogeneous sample of Galactic open clusters
12:20 *lunch*

Session 4: Models of stars and tests of models

Session Chair: Sylvie Vauclair

13:55 Keivan Stassun Eclipsing binaries as tests of stellar models
14:25 Aaron Dotter The age and helium content of 47 Tucanae
14:40 Georges Meynet The current state of stellar models for Population I
15:15 Annalisa Calamida Near-infrared photometry of the Galactic globular NGC 3201
15:30 *poster viewing and refreshments*
16:10 Peter Stetson Globular cluster color-magnitude diagrams: a homogeneous calibration
16:45 Brian Chaboyer Models of low-metallicity stars
17:15 Márcio Catelan Ages of evolved stars, including AGB, red clump, HB
17:50 Leo Girardi The ages of AGB stars
18:05 *adjourn*

Wednesday, October 15, 2008

Opening

8:45 David Soderblom Announcements and news of the day

Session 5: Globular clusters and old open clusters

Session Chair: Rosie Wyse

9:00 Ata Sarajedini Relative ages and absolute ages of globular clusters
9:25 Giampaolo Piotto Observations of multiple populations in globulars and old clusters
10:00 Sebastian Hidalgo Recovering the ages of stars in a complex population
10:15 *poster viewing and refreshments*
10:55 Sukyoung Yi Multiple populations in clusters: theory
11:30 Thibaut Decressin The ages of globulars in the context of self-enrichment
11:55 Dougal Mackey The globular clusters of the Magellanic Clouds
12:30 *adjourn*

Optional activities

14:00 Talk and tour: Walters Art Gallery
14:00 Tour: National Aquarium in Baltimore

Thursday, October 16, 2008

Opening

8:45 David Soderblom Announcements and news of the day

Session 6: White Dwarfs

Session Chair: Robert Rood

9:00 Maurizio Salaris Ages of white dwarfs
9:35 Jason Kalirai Studying the Milky Way using white dwarfs
10:00 Silvia Catalán Stellar chronology with white dwarfs in wide binaries
10:15 Harvey Richer Ages of stars clusters from cooling white dwarfs
10:30 *poster viewing and refreshments*

Session 7: Brown Dwarfs

Session Chair: Michael Liu

11:10 Adam Burgasser Brown dwarfs as Galactic chronometers
11:35 Andrew West Activity and age in very-low-mass stars and brown dwarfs
12:00 Trent Dupuy Confronting substellar evolutionary models with stellar ages
12:15 *lunch*

Session 8: Age-related properties of solar-type stars

Session Chair: Fred Walter

13:45 Sydney Barnes Gyrochronology and the rotational evolution of cool stars
14:15 Sören Meibom Relationships between age, rotation, and mass using open clusters
14:30 Jonathan Irwin The angular momentum evolution of low-mass stars
15:00 Eric Mamajek The evolution of activity in solar-type stars
15:35 *poster viewing and refreshments*
16:05 Pierre Demarque Isochrones and isochrone ages for low-mass stars
16:40 Ed Guinan The Sun in time
17:10 Chris Burke The ages of planet-hosting stars

17:35 Carla Cacciari The promise of GAIA and how it will influence stellar ages
18:10 *adjourn*

Conference banquet

19:00 conference banquet

Friday, October 17, 2008

Opening

8:45 David Soderblom Announcements and news of the day

Session 9: Asteroseismology; the Sun

Session Chair: Jeff Valenti

9:00 Yveline Lebreton Ages from asteroseismology
9:35 J. Christensen-Dalsgaard The Sun as a fundamental calibrator of stellar evolution
10:10 Sylvie Vauclair Stellar ages from asteroseismology: a few precise cases

Session 10: Nucleochronology; Wrap-up

Session Chair: John Stauffer

10:25 Robert Mathieu Symposium highlights 1: The younger population
10:45 *poster viewing and refreshments*
11:25 Vanessa Hill Nucleochronology: ages of old stars from isotope decay
11:50 Anna Frebel The age of HE 1523-0901 from elemental abundances
12:05 Robert Rood Symposium highlights 2: Older and low-metal stars
12:25 *farewell*

An afternoon at the Institute

13:00 buses leave for STScI
14:30 HST servicing and the status of SM4, STScI Auditorium
15:15 The promise of JWST and its current status, STScI Auditorium
16:00 Director's tea, STScI Cafeteria
17:30 buses leave STScI to return to hotel