

# Conference Agenda – Astrophysics in the Next Decade

September 24–27, 2007  
Marriott Starr Pass Resort, Tucson AZ

## Monday, September 24

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7:30a – 8:30a	<i>Breakfast</i>
8:30a – 9:30a	The Frontier of Reionization: Theory and Forthcoming Observations <i>Avi Loeb (Harvard University)</i> <i>moderated by Chris Carilli</i>
9:30a – 10:30a	Large Scale Structure <i>Daniel Eisenstein (University of Arizona)</i> <i>moderated by Jonathan Gardner</i>
10:30a – 11:30a	<i>Coffee/Poster Session</i>
11:30a – 12:30a	Mass Assembly of Galaxies <i>Mark Dickinson (Nat'l Optical Astronomy Observatory)</i> <i>moderated by Roberto Abraham</i>
12:30a – 2:00p	<i>Lunch</i>
2:00p – 3:00p	The Evolution of Galaxies <i>Alice Shapley (Princeton University)</i> <i>moderated by Casey Papovich</i>
3:00p – 4:00p	Star Formation and IMF (normal conditions) <i>Charles Lada (Smithsonian Astrophysical Observatory)</i> <i>moderated by Leonardo Testi</i>
4:00p – 5:00p	<i>Snacks/Posters/Information Session</i> <i>Plans for the NASA R&amp;A Program</i> <i>Yvonne Pendleton (NASA HQ)</i>
5:00p – 6:00p	Accretion Disks I: During Star Formation <i>Carsten Dominik (University of Amsterdam)</i> <i>moderated by Stephane Guilloteau</i>
6:00p – 7:30p	<i>Outdoor Reception (on the Ania Terrace)</i> <i>sponsored by Northrop Grumman, with welcoming remarks by Martin Mohan(NG) and John Mather (NASA HQ)</i>

## Tuesday, September 25

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7:30a – 8:30a	<i>Breakfast</i>
8:30a – 9:30a	Evolution of the Early IGM <i>Steven Furlanetto (Yale University)</i> <i>moderated by Mike Shull</i>
9:30a – 10:30a	Most of the Baryons: Where, When, What and How <i>Xavier Prochaska (UCO/Lick Observatory)</i> <i>moderated by Jason Tumlinson</i>
10:30a – 11:30a	<i>Coffee/Poster Session</i>
11:30a – 12:30p	Origin and Evolution of ISM <i>Alexander Tielens (Space Sciences Division)</i> <i>moderated by Alberto Noriega-Crespo</i>
12:30p – 2:00p	<i>Lunch</i>
2:00p – 3:00p	Astrochemistry in Dense, Protostellar Environments <i>Ewine van Dishoeck (Leiden Observatory)</i> <i>moderated by Pepe Cernicharo</i>
3:00p – 4:00p	Accretion/Debris Disks II: During Planetary Formation Phase <i>Michael Meyer (University of Arizona)</i> <i>moderated by David Wilner</i>
4:00p – 5:00p	<i>Snacks/Poster Session</i>
5:00p – 6:00p	Exoplanet Characterization and Detection <i>Sara Seager (Massachusetts Institute of Technology)</i> <i>moderated by Al Wooten</i>

## Wednesday, September 26

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7:30a – 8:30a	<i>Breakfast</i>
8:30a – 9:30a	Theories for the First Stars and Clusters <i>Tom Abel (KIPAC/Stanford University)</i> <i>moderated by Paul Shapiro</i>
9:30a – 10:30a	Reionization, Theory and Observation As Applicable to JWST <i>Xiaohui Fan (University of Arizona)</i> <i>moderated by Peter Jakobsen</i>
10:30a – 11:30a	<i>Coffee/Poster Session</i>
11:30a – 12:30p	Growth and Evolution of AGN and Massive Black Holes <i>Timothy Heckman (Johns Hopkins University)</i> <i>moderated by Mitch Begelman</i>

12:30p – 2:00p	<i>Lunch</i>
2:00p – 3:00p	Stellar Evolution and Death <i>Michael Barlow (UCL)</i> <i>moderated by Christoffel Waelkens</i>
3:00p – 4:00p	Prospects for the Future (representatives from NASA, NSF, ESA, ESO, and NAOJ)
4:00p – 5:00p	<i>Snacks/Poster Session</i>
5:00p – 6:00p	The Future of Brown Dwarfs with JWST <i>Mark Marley (NASA Ames Research Center)</i> <i>moderated by Adam Burrows</i>

#### Thursday, September 27

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7:30a – 8:30a	<i>Breakfast</i>
8:30a – 9:30a	The Outer Solar System <i>David Jewitt (University of Hawaii)</i> <i>moderated by Amaya Moro-Martin</i>
9:30a – 10:30a	Detectability of the First Stars and Massive Star Clusters <i>Zoltan Haiman (Columbia University)</i> <i>moderated by Massimo Stiavelli</i>
10:30a – 11:30a	<i>Coffee/Poster Session</i>
11:30a – 12:30p	Star Formation and IMF II: In Extreme Environments <i>Jean Turner (UCLA)</i> <i>moderated by Kelsey Johnson</i>
12:30p	Meeting Adjourns

The conference is hosted by NASA/GSFC and STScI  
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