

Schedule of Events
203rd Meeting of the American Astronomical Society
4-8 January 2004 — Atlanta, GA

SUNDAY, 4 January

Hyatt Regency Atlanta, 265 Peachtree Street, NE, Atlanta, GA 30303

Room	Baker	Greenbriar	Edgewood	Various	Learning Ctr	Auburn	Various	Courtland
9:00	Saturday and Sunday	Job Hunting, An Introduction (AAS Career Workshop) 9:00am-noon and 1:00-4:00pm	The NSF Astronomy and Astrophysics Postdoctoral Fellows (AAPF) Symposium 9:00am-7:00pm	NURO Steering Committee Meeting 9:00am-2:00pm Harris				
9:30	Improving the Introductory Astronomy Survey Course for Non-Science Majors Through Active Learning 9:00am-5:00pm							
12:00								
1:00		Job Hunting, Continues						
2:00				SIRTF Observation Planning Workshop 2:00-6:00pm Chicago C,D,E		Speaker Ready Room 2:00-6:00pm	Registration 2:00-9:00pm Grand Hall Foyer, Exhibit Level	1 Special Session HAD I: Transit of Venus 2:00-5:00pm
2:30					Astro 101 - A Continuing Dialogue 2:30-5:30pm	Drop-off Zip-disk or CD for talks using LCD Projector /Computer		
4:00								
5:00								
5:30								
6:00							Undergraduate Reception 6-7pm Montreal/Vancouver	
7:00							Opening Reception 7:00-10:00pm Regency V/VI	
9:00								
10:00								
Room	Baker	Greenbriar	Edgewood	Various	Learning Ctr	Auburn	Various	Courtland

MONDAY, 5 January							
Invited Talks are in Centennial I/II, Poster Sessions in Grand and Hanover Halls							
Room	Centennial I/II	Centennial III	Centennial IV	Regency VII	Regency VI	Regency V	
7:30	Speaker Ready Room, 7:30am-5:00pm, Auburn, Drop-off Zip-disk or CD for talks using LCD						
	Registration 7:30am-5:00pm Grand Hall Foyer, Exhibit Level						
8:15	Opening Remarks. Caty Pilachowski, AAS President, Indiana University, 8:15-8:30am,						
8:30	Invited Session 2 New Waves: Astronomical Research with Millimeter to Infrared Interferometers, A. I. Sargent (CalTech), 8:30-9:20am, Centennial I/II						
9:20	Coffee Break, Exhibits & Poster Sessions, Grand Hall: 3 Space Missions 4 Computation, Data Handling & Image Analysis 5 T Tauri Stars 6 Brown Dwarfs 7 Star Formation 8 Delta Scuti & Mira Variables 9 Variable Star Databases 10 Young Star Clusters 11 Planetary Nebulae 12 Eclipsing Binaries 13 Disks Around Young Stars 14 Open Clusters 15 Comets, Kuiper Belt & Trans-Neptunian Objects 16 Asteroids, Planets & Planetary Satellites 17 Extra Solar Planets 18 Solar Physics 19 Focus on Undergraduate Astronomy Hanover Hall: 20 Accessing Data Bases 21 Astronomy Education Research 22 First Results from SIRTFF						
10:00	23 Quasars, Blazars and Jets	24 Observatories and Observing Conditions: Optical to X-rays	25 Young Stars and Clusters	26 Galaxy Evolution	Special Session 27 Status of Minorities in Astronomy	28 HAD II	Exhibits and Poster Sessions
11:30	Break 11:30-11:40am						
11:40	Invited Session 29 Doggett Prize Lecture: The REAL Caroline Herschel M. A. Hoskin (Churchill College, UK), 11:40am-12:30pm, Centennial I/II						
12:30	Lunch Break 12:30-2:00pm						
1:00					NASA Town Meeting 1-2pm	HAD Business Meeting 1:15-2pm	
2:00	30 Galaxy Clusters and Large Scale Structure I	31 X-ray Observations	32 Spiral Galaxies	33 Young Stars	Special Session 34 Cool Astronomy for Everyone	35 HAD III	Exhibits and Poster Sessions Cont'd
3:30	Break 3:30-3:40pm						
3:40	Invited Session 36 Our Solar System Neighbors Satellite Formation and the Origin of the Moon, RM. Canup (SwRI) What Are We Learning About Mars?, W. K. Hartmann (Planetary Science Inst.) 3:40-5:10pm, Centennial I/II						
5:10	Cocktails 5:10-6:30pm Exhibits and Poster Sessions						
6:00	SIM: New Observing Opportunities, 6-7:30pm, Learning Center						
7:30	Archiving and Digitization of Photographic Plates, 7:30-9:30pm, Dunwoody						
Room	Centennial I/II	Centennial III	Centennial IV	Regency VII	Regency VI	Regency V	

Job Center, 9:20am-5:00pm, Harris, Conference Level

Job Center Continues

TUESDAY, 6 January								
Invited Talks are in Centennial I/II, Poster Sessions in Grand and Hanover Halls								
Room	Centennial I/II	Centennial III	Centennial IV	Regency VII	Regency VI	Regency V	Learning Ctr	
7:30	Speaker Ready Room, 7:30am-5:00pm, Auburn, Drop-off Zip-disk or CD for talks using LCD							
8:00	Registration 7:30am-5:00pm Grand Hall Foyer, Exhibit Level							
8:30	Invited Session 37 RECONS is Spying on Your Neighbors... T.J. Henry (Georgia State University), 8:30-9:20am, Centennial I/II							
9:20	Coffee Break, Exhibits & Posters, Grand Hall: 38 Observation & Instrumentation: Optical 39 SN Remnants 40 Observations & Instrumentation: Non-Optical 41 Warm-Hot IM 42 Nearby Stars: Binaries, Theory & the Future 43 Nearby Stars: Observations 44 Cataclysmic Variables, Novae 45 SN 46 Instrumentation for HST & Sirtf 47 Galaxy Clusters & Large-Scale Structure 48 Fully Employed Stars 49 Stars Looking Forward to Retirement 50 Galaxy Surveys: Sub-mm to Radio 51 Galaxy Groups & Nearby Clusters 52 Globular Clusters 53 Pulsars & Other Neutron Stars 54 White Dwarf Stars 55 AGN & Starburst Galaxies 56 Seyfert, FRI & FRII Galaxies Hanover Hall: 57 Source Surveys 58 Eta Carinae 59 Get'em Hooked: Pre-college Astronomy						Job Center, 9:20am-5:00pm, Harris, Conference Level	
10:00	Special Session 60 Nearby Star I	61 Galaxy Clusters and Large Scale Structure II	62 HETE and Other Clues to GRBs	63 AGN	Special Session 64 Warm-Hot IM: Main Baryon Reservoir	65 Galaxies		Exhibits and Poster Sessions
11:30	Break 11:30-11:40am							
11:40	Invited Session 66 Public Policy: Cosmic Convergence: Particles, Stars, & the Universe, R. L. Orbach (Office of Science, U.S. DOE), 11:40am-12:30pm						Exhibits and Poster Sessions	
12:30	Lunch Break 12:30-2:00pm							
1:00						JWST Town Meeting 1-2pm		
2:00	Special Session 67 Nearby Star II	68 Galaxy Clusters and Large Scale Structure III	69 The High Z Universe	70 Interstellar Medium	71 Molecular Cloud Cores	Special Session 72 Science Policy from the Inside	73 White Dwarfs and Neutron Stars	Exhibits and Poster Sessions Cont'd
3:30	Break 3:30-3:40pm							
3:40	Invited Session 74 Young-Stellar Objects, 3:40-5:10pm, Centennial I/II Formation and Early Evolution of Substellar Objects, M. C. Liu (U. Hawaii, IfA) Brown Dwarfs: Up Close and Physical, G.B. Basri (UC, Berkeley),						Job Center Continues	
5:10	Cocktails 5:10-6:30pm Exhibits and Poster Sessions						Job Center Continues	
6:30	Graduate Student Reception, 6:30 – 7:30pm, Dunwoody							
6:45	Hubble IMAX short film premier at the Fernbank Museum of Natural History 6:45pm Busses Depart from Hyatt, 7:15pm Pizza Party, 8:00-9:30pm Premier							
7:30								
Room	Centennial I/II	Centennial III	Centennial IV	Regency VII	Regency VI	Regency V	Learning Ctr	

WEDNESDAY, 7 January								
Invited Talks are in Centennial I/II, Poster Sessions in Grand and Hanover Halls								
Room	Centennial I/II	Centennial III	Centennial IV	Regency VII	Regency VI	Regency V		
7:30	Speaker Ready Room, 7:30am-5:00pm, Auburn, Drop-off Zip-disk or CD for talks using LCD							
8:00	Registration 7:30am-5:00pm Grand Hall Foyer, Exhibit Level							
8:30	Invited Session 75 Rossi Prize Lectures: Magnetars - Observations, C. Kouveliotou (NASA/MSFC, USRA), Astrophysics of Magnetars: Theory, R.C. Duncan (U. Texas), 8:30-9:20am, Centennial I/II							
9:20	Coffee Break, Exhibits & Posters, Grand Hall: 76 HII Regions 77 Jets and Outflows and X-Rays from Young Stars 78 Quasars and QSOs 79 Blazars 80 Gamma Ray Bursts 81 Black Holes 82 Mass and Energy Matters 83 Stars Variable in Light 84 Binary Stars 85 Stellar Structure, Evolution and Abundances 86 Education: NASA's Great Observatories 87 HEAD: GRBs and Intermediate Black Holes 88 BI-Lac-Ish Objects 89 Galaxy Clusters at High Redshift 90 Galaxy Evolution with HST, CXO and SIRTf 91 Galaxy Surveys 92 Astrophysical Jets and Radio Galaxies Hanover Hall: 93 Stars, Their Facts and Legends 94 Embedded Protostars						Job Center, 9:20am-5:00pm, Harris, Conference Level	
10:00	Special Session 95 HEAD I: Gamma-Ray Bursts	96 GALAX I: The Mission and Early Type Galaxies	97 Gas and Dust in Galaxies and the IGM	98 Star and Planet Formation	99 Stuff in the Milky Way Galaxy	Special Session 100 Research at Undergraduate Institutions		Exhibits and Poster Sessions
11:30	Break 11:30-11:40am							
11:40	Invited Session 101 Heineman Prize Lecture: Turbulence in Clusters of Galaxies, kSZ and X-ray Line Profiles, R. Sunyaev (MPI fur Astrophys.), 11:40-am-12:30pm, Centennial I/II							
12:30	Lunch Break 12:30-2:00pm							
1:00	HEAD Business Meeting 1-2pm				NSF Town Meeting 1-2pm			
2:00	102 HEAD II: Intermediate Mass Black Holes	103 GALEX II: Higher Energy Observations	104 Black Holes	105 Dwarf, Irregular, LUM IR and Starburst Galaxies	106 Galaxy Evolution with Deep Ground-based Surveys	Special Session 107 Ed. & Public Outreach, NASA's Great Obs.	Exhibits and Poster Sessions Cont'd	
3:30	Break 3:30-3:40pm							
3:40	Invited Session 108 Early Stars and Clusters, 3:40-5:10pm, Centennial I/II The First Stars and Quasars and the End of the Cosmic Dark Ages , V. Bromm (Harvard U.), The Galaxy-Intracluster Medium Connection, M. E. Donahue (Michigan State U.)							
5:10	Cocktails 5:10-6:30pm						Job Center Continues	
6:30	Exhibits and Poster Sessions							
7:15	Society Banquet 7:15 - 9:30pm, Regency V/VI							
9:30								
Room	Centennial I/II	Centennial III	Centennial IV	Regency VII	Regency VI	Regency V		

THURSDAY, 8 January								
Invited Talks are in Centennial I/II, Poster Sessions in Grand and Hanover Halls								
Room	Centennial I/II	Centennial III	Centennial IV	Regency VII	Regency VI	Regency V		
7:30	Speaker Ready Room, 7:30am-2:00pm, Auburn, No drop-offs on Thursday							
8:00	Registration 8:00am-12:00noon Grand Hall Foyer, Exhibit Level							
8:30	Invited Session 109 Stellar Abundances and Nucleosynthesis in the Milky Way and Beyond, V. V. Smith (University of Texas at El Paso), 8:30am-9:20am, Centennial I/II							
9:20	Coffee Break, Exhibits and Poster Sessions, Grand Hall: 110 Interstellar Medium I 111 Interstellar Medium II 112 The Milky Way and Its Environs 113 Molecules and Atoms at High Z and Low Z 114 Dust in Galaxies 115 Dwarf, Irregular and Starburst Galaxies 116 Elliptical and Spiral Galaxies 117 Fundamental Physics 118 Reaching Out: EPO Hanover Hall: 119 Galaxy Evolution at High Redshift 120 Gravitational Lensing 121 JWST 122 Antenna Galaxies						Job Center, 9:20am-12:00noon, Harris	
10:00	123 Extra Solar Planets I	Special Session 124 JWST Science	125 (Super) Novae (Remnants) and Black Holes	Special Session 126 The Antennae Galaxies: The Nearest Example of High Z	127 Variations in Stars	Special Session 128 Grant Writing: Best Practices for Successful Proposals		Exhibits and Poster Sessions
11:30	Break 11:30-11:40am							
11:40	Invited Session 129 Pierce Prize Lecture: The Most Distant Quasars: Probing the End of Cosmic Dark Ages, X. Fan (University of Arizona) , 11:40am-12:30pm, Centennial I/II							
12:30	Lunch Break 12:30-2:00pm							
1:00					ALMA Town Meeting 1-2pm	Status of Women In Astronomy 1-2pm		
2:00	130 Extra Solar Planets II	131 Galaxy Evolution with HST Surveys	132 Gamma Ray Bursts: Processes and Phenomena	133 Pulsars	134 Solar System and The Sun	135 Making Astronomy Real	Exhibits and Posters	
3:30								
4:00								
Room	Centennial I/II	Centennial III	Centennial IV	Regency VII	Regency VI	Regency V		