

Saturday, 5 January 2013	
7:30am	ExoPAG 7, 8:00am-5:00pm, Naples Ballroom I-II (Renaissance Long Beach)
8:00am	CAE/CATS Astro 101 Tier I Teaching Excellence Workshop Part I, 8:00am-5:30pm, Regency Ballroom B (Hyatt Long Beach)
9:00am	Attendance by Invitation Only: Astronomy Ambassadors Workshop for Early-Career AAS Members, 9:00am-5:00pm, Regency Ballroom E (Hyatt Long Beach)
	Teaching Every Student: ASTRO 101 Approaches for Diverse Audiences, 9:00am-5:00pm, Renaissance Ballroom IV (Renaissance Long Beach)
1:00pm	2013 NSF Postdoctoral Fellows Symposium, 1:00pm-6:00pm, Regency Ballroom A (Hyatt Long Beach)
Sunday, 6 January 2013	
8:00am	ExoPAG 7, 8:00am-5:00pm, Naples Ballroom I-II (Renaissance Long Beach)
	CAE/CATS Astro 101 Tier I Teaching Excellence Workshop Part II, 8:00am-5:30pm, Regency Ballroom B (Hyatt Long Beach)
9:00am	2013 NSF Postdoctoral Fellows Symposium, 9:00am-6:00pm, Regency Ballroom A (Hyatt Long Beach)
	Astronomy Ambassadors Workshop for Early-Career AAS Members, 9:00am-5:00pm, Regency Ballroom E (Hyatt Long Beach)
	Introduction to Python and Working with Astronomical Data, 9:00am-5:00pm, Renaissance Ballroom III (Renaissance Long Beach)
	Learning Astronomy through Role-playing and Debate, 9:00am-12:00pm, Regency Ballroom D (Hyatt Long Beach)
	Public Workshop: NASA Cosmic Origins Program Analysis Group, 9:00am-5:00pm, Beacon A (Hyatt Long Beach)
	Public Workshop: NASA Physics of the Cosmos Program Analysis Group, 9:00am-5:00pm, Beacon B (Hyatt Long Beach)
	Teaching Every Student: ASTRO 101 Approaches for Diverse Audiences, 9:00am-5:00pm, Renaissance Ballroom IV (Renaissance Long Beach)
10:00am	Volunteer Orientation, 10:00am-11:00am, Room 101B
12:00pm	SOFIA Tour, 12:00pm-6:00pm, Long Beach Convention Center (bus pick-up on South Pine Ave.)
1:00pm	Designing Data Visualizations Workshop, 1:00pm-5:00pm, Regency Ballroom C (Hyatt Long Beach)
1:30pm	90 HAD I Special: Making Astronomy Public, Los Angeles Style, 1:30pm-3:30pm, Room 103B
2:00pm	How to Be a Better Professor or Teaching Assistant for your LGBT Students, 2:00pm-4:00pm, Room 202B
3:00pm	Speaker Ready Room, 3:00pm-5:00pm, Room 203C
	Registration, 3:00pm-8:00pm, Promenade Level 1 Lobby
4:00pm	91 HAD II Special: Preservation of Astronomical Heritage and Archival Data, 4:00pm-6:00pm, Room 103B
5:00pm	K-12 Educator Reception, 5:00pm-7:00pm, Naples Ballroom III (Renaissance Long Beach)
6:00pm	Royal Astronomical Society Reception, 6:00pm-7:00pm, Regency Ballroom D (Hyatt Long Beach)
	Undergraduate Orientation Reception, 6:00pm-7:00pm, 104A
7:00pm	AAS Opening Reception, 7:00pm-9:00pm, Aquarium of the Pacific

Monday, 7 January 2013				
7:30am	Session Chair Breakfast, 7:30am-8:00am, Room 203A			
	Speaker Ready Room, 7:30am-4:00pm, Room 203C			
	Registration, 7:30am-5:00pm, Promenade Level 1 Lobby			
8:00am	100 Plenary Session: Welcome Address by AAS President David Helfand, 8:00am-8:30am, Grand Ballroom			
	Cyber Café, 8:00am-6:30pm, Promenade Level 1 Lobby			
	Careers 101: Career Planning Workshop for Graduate Students and Postdocs, 8:00am-10:00am, Regency Ballroom E (Hyatt Long Beach)			
8:30am	101 Plenary Session: Kavli Lecture: The Spitzer Space Telescope: Science Return and Impact, B.T. Soifer (Spitzer Science Center, Caltech), 8:30am-9:20am, Grand Ballroom			
9:00am	Career Center, 9:00am-6:00pm, Exhibit Hall A			
	Exhibit Hall, 9:00am-6:30pm			
	Posters, 9:00am-6:30pm, Exhibit Hall A			
	141 Astronomy Outreach to the Public	151 HAD IV History of Astronomy		
	142 Binary Stellar Systems, X-ray Binaries	152 Large Scale Structure, Cosmic Distance Scale and GRBs		
	143 Black Holes	153 NASA's Physics of the Cosmos (PCOS) studies on Gravitational Wave and X-ray Mission Concepts		
	144 Circumstellar Disks	154 Pulsars, Neutron Stars		
	145 Dust	155 Relativistic Astrophysics, Gravitational Lenses & Waves		
	146 Elliptical and Spiral Galaxies	156 Specialized Observatories and Light Pollution		
	147 Evolution of Galaxies	157 Starburst Galaxies		
	148 Evolved Stars, Cataclysmic Variables, Novae, Wolf-Rayet Phenomena	158 Stars, Cool Dwarfs, Brown Dwarfs		
	149 Extrasolar Planets: Detection	159 The Sun		
	150 From Star Formation to Cosmology: Astrophysics with CCAT in the Next Decade			
9:30am	Coffee Break, 9:30am-10:00am, Exhibit Hall A			
10:00am	Special and Oral Sessions 102-117, 10:00am-11:30am			
	102 Career Options Panel Discussion: Professionally-trained Astronomers in Aerospace and Industry Room 201A	103 AGN: Jets and Feedback Room 101A	104 Circumstellar Disks I Room 202B	105 Cosmic Microwave Background I Grand Ballroom
	106 Cosmology I Room 103B	107 Dwarf and Irregular Galaxies I: Origins and Dynamics Room 104A	108 Early Science Results from the Hydrogen Epoch of Reionization Arrays (HERA) Room 101B	109 Extrasolar Planet Detection from Spectroscopy and Microlensing Room 104B
	110 From Star Formation to Cosmology: Astrophysics with CCAT in the Next Decade Room 103C	111 Galaxy Clusters I Room 103A	112 Galaxy Evolution at $z \sim 2$ Room 104C	113 HAD III/HEAD I Special: Fifty Years of Celestial X-ray Astronomy Room 201B
	114 Relativistic Astrophysics, Gravitational Lenses & Waves Room 102C	115 Research Based Initiatives for Broadening the Participation of Women and Minorities in Astronomy Room 102A	116 Science Highlights from NASA's Astrophysics Data Analysis Program I: Galactic Astrophysics Room 202A	117 Young Stellar Objects, Very Young Stars, T-Tauri Stars, H-H Objects Room 102B
	Helping Your Introductory Students to Think Like Scientists, 10:00am-11:30am, Room 203A			

Monday, 7 January 2013 Continued				
11:40am	118 Plenary Session: Galaxy Clusters in the Golden Age of High-Energy Astrophysics, Mark Bautz (MIT Kavli Institute for Astrophysics & Space Research), 11:40am-12:30pm, Grand Ballroom			
12:30pm	RE-NUMERATE: A Workshop to Restore Essential Numerical Skills and Thinking via Astronomy Education, 12:30pm-2:00pm, Room 203A			
12:45pm	119 Town Hall: HAD Business Meeting, 12:45pm-1:45pm, Room 201B			
	120 Town Hall: NASA Physics of the Cosmos (PCOS) Gravitational Wave and X-ray Astronomy Town Hall, 12:45pm-1:45pm, Room 104B			
	121 Town Hall: NSF Town Hall, 12:45pm-1:45pm, Room 104A			
1:00pm	Career Hour 1: Having the Right Stuff: Outstanding Resumes/CVs for Outstanding Career Opportunities in Academia and Industry, 1:00pm-2:00pm, Regency Ballroom E (Hyatt Long Beach)			
2:00pm	Special and Oral Sessions 122-137, 2:00pm-3:30pm			
	122 Andromeda and Local Group Dwarf Galaxies Room 102C	123 Black Holes I Room 102A	124 Cosmic Microwave Background II Grand Ballroom	125 Dark Matter Properties, Observations and Constraints Room 101A
	126 Exoplanet Interiors and Atmospheres Room 104A	127 Family Leave Policies and Childcare for Graduate Students and Postdocs Room 201B	128 Galaxy Clusters II Room 103A	129 Galaxy Evolution at $z > 2$ Room 104C
	130 HAD V History of Astronomy, with Osterbrock Book Prize Room 103B	131 HEAD II: New Revelations from the Transient Sky Room 104B	132 Large Scale Structure, Cosmic Distance Scale and GRBs I Room 202B	133 Quasars and Their Hosts, Near and Far Room 103C
	134 Science Highlights from NASA's Astrophysics Data Analysis Program II: Extragalactic Astrophysics Room 202A	135 Scientific Opportunities with the James Webb Space Telescope Room 201A	136 Supernovae I Room 102B	137 Young Stellar Objects, Very Young Stars, T-Tauri Stars, H-H Objects - Disks Room 101B
3:40pm	138 Plenary Session: Henry Norris Russell Lecture: Thinking and Computing, David Arnett (Steward Obs.), 3:40pm-4:30pm, Grand Ballroom			
4:30pm	139 Plenary Session: From Gas to Stars Over Cosmic Time, Mordecai-Mark Mac Low (American Museum of Natural History), 4:30pm-5:20pm, Grand Ballroom			
5:30pm	Evening Poster Session, 5:30pm-6:30pm, Exhibit Hall A			
6:30pm	Center for Astronomy Education/CATS Reception, 6:30pm-8:30pm, Regency Ballroom A (Hyatt Long Beach)			
	140 Town Hall: NASA Kepler Mission Town Hall, 6:30pm-8:00pm, Room 104C			
	WGLE Reception, 6:30pm-7:30pm, Regency Ballroom F (Hyatt Long Beach)			
	Career Networking Reception, 6:30pm-8:00pm, Beacon A (Hyatt Long Beach)			
7:30pm	LGBTIQ Networking Dinner, 7:30pm-9:30pm, Regency Ballroom F (Hyatt Long Beach)			
8:00pm	160 Plenary Session: A Moderated Discussion about Interesting Careers in Aerospace and Mission Operations, Kathryn Flanagan (STScI) and Jeffrey Grant (Northrop Grumman Aerospace Systems), 8:00pm-9:00pm, Grand Ballroom			

Tuesday, 8 January 2013

7:30am	Session Chair Breakfast, 7:30am-8:00am, Room 203A			
	Speaker Ready Room, 7:30am-4:00pm, Room 203C			
8:00am	Cyber Café, 8:00am-6:30pm, Promenade Level 1 Lobby			
	Registration, 8:00am-5:00pm, Promenade Level 1 Lobby			
8:30am	200 Plenary Session: Finding the Next Earth, Natalie M. Batalha (NASA Ames Research Center), 8:30am-9:20am, Grand Ballroom			
9:00am	Career Center, 9:00am-6:00pm, Exhibit Hall A			
	Exhibit Hall, 9:00am-6:30pm			
	Posters, 9:00am-6:30pm, Exhibit Hall A			
	240 Computation, Data Handling, Image Analysis 241 Dark Matter and Dark Energy 242 Dwarf and Irregular Galaxies 243 Galaxy Clusters 244 HEAD III: First Results from the NuSTAR Mission 245 Intergalactic Medium, QSO Absorption Line Systems 246 K-12 Students Learning and Doing Astronomy 247 Large Synoptic Survey Telescope 248 New Results from Astronomy Education Research	249 Planetary Nebulae, Supernova Remnants 250 Star Associations, Star Clusters - Galactic and Extra-galactic 251 Star Formation 252 Stellar Evolution, Stellar Populations 253 Supernovae 254 The Milky Way, The Galactic Center 255 Undergraduate and Graduate Teaching, Learning and Research 256 Young Stellar Objects, Very Young Stars, T-Tauri Stars, H-H Objects		
9:20am	AAS Prize Presentations: George van Biesbroeck Prize, AAS Education Prize, Joseph Weber Award, Beatrice M. Tinsley Prize presented by AAS President David Helfand, 9:20am-9:45am, Grand Ballroom			
9:30am	Coffee Break, 9:30am-10:00am, Exhibit Hall A			
10:00am	Special and Oral Sessions 201-216, 10:00am-11:30am			
	201 Astronomy Outreach for Non-traditional Audiences Room 102B	202 Binary Star Systems: Observations, Models, Origins Room 101B	203 Black Holes II Room 102A	204 Circumnuclear Environments of AGN Room 201B
	205 Circumstellar Disks II Room 202B	206 Galaxies I Grand Ballroom	207 Galaxy Evolution at $z = 4-12$ Room 104B	208 HAD VI History of Astronomy Room 103B
	209 HEAD III: First Results from the NuSTAR Mission Room 201A	210 High Resolution Ultraviolet Imaging with the Hubble Space Telescope I [low redshift]	211 Innovations in Teaching, Learning, and Mentoring Room 104A	212 Intergalactic Medium, QSO Absorption Line Systems Room 103C
	213 Stellar Evolution and Ages Room 102C	214 Supernovae II Room 101A	215 Surveys and Large Programs 10:00am-11:40am Room 103A	216 Zeroing in on η -Earth with NASA's Kepler Mission Room 104C
11:30am	Public Event: Education and Public Outreach Event, 11:30am-2:00pm, Exhibit Hall A			
11:40am	217 Plenary Session: Cannon Award: Exploring the Diversity of Exoplanetary Atmospheres, Heather Knutson (California Institute of Technology), 11:40am-12:30pm, Grand Ballroom			

Tuesday, 8 January 2013 Continued

12:45pm	218 Town Hall: NASA Town Hall, 12:45pm-1:45pm, Room 104A			
	219 Town Hall: NOAO Town Hall, 12:45pm-1:45pm, Room 104B			
1:00pm	Career Hour 2: Network Yourself to a Great Career, 1:00pm-2:00pm, Regency Ballroom E (Hyatt Long Beach)			
2:00pm	Special and Oral Sessions 220-235, 2:00pm-3:30pm			
	220 Circumstellar Disks III Room 202B	221 Cosmic Dawns: ALMA Early Science Commences Room 103B	222 Dark Energy, Tests of Gravity and Fundamental Constants	223 Dust Room 103C
	224 Exoplanet Atmospheres Grand Ballroom	225 Galaxies II Room 104A	226 Galaxy Clusters III Room 103A	227 Galaxy Evolution at $z \sim 1$ Room 104C
	228 High Resolution Ultraviolet Imaging with the Hubble Space Telescope II [high redshift] Room 202A	229 Instrumentation, Data Handling, and Image Analysis Room 102A	230 New Insights into the Distribution of Stellar Structure and Mass in Galaxies: Results from S ⁴ G Room 104B	231 Planets and Planetary Systems Identified by Kepler Room 201B
	232 Stars and the Galactic Halo Room 102B	233 Supernovae III Room 101B	234 The Galaxy: Age, Structure and Evolution Room 101A	235 Turbulence: Theory and Observation Room 102C
3:40pm	236 Plenary Session: Newton Lacy Pierce Prize: Hot on the Trail of Warm Planets Orbiting Cool M Dwarfs, John A. Johnson (Caltech), 3:40pm-4:30pm, Grand Ballroom			
4:30pm	237 Plenary Session: HEAD Rossi Prize: The Flaring Crab Nebula: Surprises and Challenges, Marco Tavani (INAF-IAPS, University of Rome "Tor Vergata", Roma, Italy) 4:30pm-5:20pm, Grand Ballroom			
5:30pm	Evening Poster Session, 5:30pm-6:30pm, Exhibit Hall A			
	238 Town Hall: HEAD Business Meeting, 5:30pm-6:30pm, Regency Ballroom D (Hyatt Long Beach)			
6:00pm	Gemini Observatory Open House, 6:00pm-8:00pm, Regency Ballroom F (Hyatt Long Beach)			
6:30pm	239 Town Hall: NRAO Town Hall, 6:30pm-8:30pm, Room 104C			
	SPS Evening of Undergraduate Science, 6:30pm-8:00pm, Regency Ballroom B (Hyatt Long Beach)			
7:00pm	WFIRST Mission and NRO Telescope, 7:00pm-9:00pm, Room 101A			

Wednesday, 9 January 2013				
7:30am	Session Chair Breakfast, 7:30am-8:00am, Room 203A			
	Speaker Ready Room, 7:30am-4:00pm, Room 203C			
8:00am	Registration, 8:00am-5:00pm, Promenade Level 1 Lobby			
	Cyber Café, 8:00am-6:30pm, Promenade Level 1 Lobby			
8:30am	300 Plenary Session: Heineman Prize: Extreme Transients in the High Energy Universe, Chryssa Kouveliotou (NASA/MSFC), 8:30am-9:20am, Grand Ballroom			
9:00am	Career Center, 9:00am-6:00pm, Exhibit Hall A			
	Exhibit Hall, 9:00am-6:30pm			
	Posters, 9:00am-6:30pm, Exhibit Hall A			
	339 AGN, QSO, Blazars 340 Catalogs 341 Cosmology 342 Education and Professional Development 343 Extrasolar Planets: Characterization, Theory and Detection 344 Hubble Space Telescope Instruments and Calibration 345 Instrumentation: Ground and Airborne 346 Joining the Electromagnetic and Gravitational Wave Skies	347 JWST Mission and Instrumentation 348 Laboratory Astrophysics 349 Molecular Clouds, HII Regions, Interstellar Medium 350 Space-Based Missions, Instruments and Technology 351 Stellar Atmospheres, Winds 352 Surveys and Large Programs 353 The Solar System and Astrobiology 354 Variable Stars & White Dwarfs		
9:30am	Coffee Break, 9:30am-10:00am, Exhibit Hall A			
10:00am	Special and Oral Sessions 301-316, 10:00am-11:30pm			
	301 Astrophysics with Kepler's High Precision Photometry I Room 101A	302 Effective Education and Public Outreach Room 202A	303 Galaxies III Room 104A	304 Galaxy Evolution in Protogalaxy Clusters Room 104B
	305 Instrumentation: Ground, Airborne and Space I 10:00am-11:40am Room 103A	306 Molecular Clouds, HII Regions, Interstellar Medium Room 103B	307 Multi-wavelength Observations of Quasars 10:00am-11:40am Room 102B	308 Planetary Systems Orbiting White Dwarfs Room 103C
	309 QSO/AGN Engines and the Circumnuclear Region Room 202B	310 Reports from NASA's Program Analysis Groups Room 102C	311 Results from The Panchromatic Hubble Andromeda Treasury Room 201B	312 Star Formation - Dark Clouds and Clumps Room 101B
	313 Structure and Evolution of Local Galaxies Room 104C	314 The Solar System Grand Ballroom	315 Transit Detection of Extrasolar Planets Room 201A	316 Variable Stars Room 102A

Wednesday, 9 January 2013 Continued

11:40am	317 Plenary Session: Warner Prize: A New View on Planetary Orbital Dynamics, Eric B. Ford (Univ. of Florida), 11:40am-12:30pm, Grand Ballroom			
12:45pm	318 Town Hall: The James Webb Space Telescope Town Hall, 12:45pm-1:45pm, Room 104A			
	319 Town Hall: The Stratospheric Observatory for Infrared Astronomy Town Hall, 12:45pm-1:45pm, Room 104B			
	Trouble in the Blue - Current Light Pollution Threats and How Professional Astronomers Can Respond, 12:45pm-2:00pm, Regency Ballroom C (Hyatt Long Beach)			
1:00pm	Career Hour 3: Leveraging Your Online Presence for Career Advancement, 1:00pm-2:00pm, Regency Ballroom E (Hyatt Long Beach)			
2:00pm	Special and Oral Sessions 320-335, 2:00pm - 3:30pm			
	320 Advocating for Astronomy Room 201B	321 Astrophysics with Kepler's High Precision Photometry II Room 101A	322 Circumgalactic Matter of Galaxies at $z=2-3$ Room 104C	323 Cosmology II Room 101B
	324 Direct Detection of Exoplanets, Faint Companions, and Protoplanetary Disks Grand Ballroom	325 Dusty Debris in the Terrestrial Planet Zone I Room 103C	326 Evolution of Structure in Local Galaxies ($z\sim 0$) Room 104B	327 Galaxies IV Room 104A
	328 Instrumentation: Ground, Airborne and Space II Room 103A	329 Joining the Electromagnetic and Gravitational Wave Skies Room 103B	330 SNRs and PNe: Theory and Observation Room 102C	331 Star Associations, Star Clusters - Galactic and Theory Room 202B
	332 Star Formation - Cores, Clouds and the IMF Room 102A	333 Super-Earths, M Dwarfs, and Habitability Room 201A	334 Surveys and Catalogs of Extrasolar Planet Hosts Room 102B	335 The Dark Energy Survey Room 202A
	Processing ALMA and VLA Data with CASA, 2:00pm-3:30pm, Room 203A			
	Astrophysics Code Sharing?, 2:00pm-3:00pm, Regency Ballroom D (Hyatt Long Beach)			
3:40pm	336 Plenary Session: The Elemental Compositions of Extrasolar Planetesimals from Spectroscopy of Polluted White Dwarfs, Michael Jura (UCLA), 3:40pm-4:30pm, Grand Ballroom			
4:30pm	337 Plenary Session: Computational Cosmology, Tom Abel (Kavli Institute for Particle Astrophysics and Cosmology, Stanford University), 4:30pm-5:20pm, Grand Ballroom			
5:30pm	Evening Poster Session, 5:30pm-6:30pm, Exhibit Hall A			
6:00pm	Invitation Only: AAS Donor Reception, 6:00pm-7:00pm, VIP A			
6:30pm	Graduate Student Networking Reception, 6:30pm-7:30pm, Beacon A (Hyatt Long Beach)			
	338 Town Hall: Arecibo Observatory: 50 Years of Science at the World's Largest Radio and Radar Telescope, 6:30pm-8:00pm, Room 104C			
	TMT - Community Engagement, 6:30pm-8:00pm, Regency Ballroom ABC (Hyatt Long Beach)			
8:00pm	Space Science and Public Policy, 8:00pm-9:00pm, Room 103B			

Thursday, 10 January 2013

7:30am	Session Chair Breakfast, 7:30am-8:00am, Room 203A			
	Speaker Ready Room, 7:30am-2:00pm, Room 203C			
8:00am	Registration, 8:00am-2:00pm, Promenade Level 1 Lobby			
	Cyber Café, 8:00am-2:00pm, Promenade Level 1 Lobby			
8:30am	400 Plenary Session: New Insights of Comets from the EPOXI Mission, Karen J. Meech (University of Hawaii), 8:30am-9:20am, Grand Ballroom			
9:00am	Career Center, 9:00am-1:00pm, Exhibit Hall A			
	Exhibit Hall, 9:00am-2:00pm			
	Posters, 9:00am-2:00pm, Exhibit Hall A			
	430 AGN and Friends	438 GRBs		
	431 Computation and Other Topics	439 Instrumentation, Missions and Surveys		
	432 Cosmology and Other Topics	440 Interstellar Medium		
	433 Education and Public Outreach	441 Star Clusters		
	434 Evolution of Galaxies	442 Star Formation		
	435 Extrasolar Planets	443 Stellar Topics		
	436 Galaxies	444 Supernovae		
	437 Galaxy Clusters	445 The Sun and Solar System		
9:30am	Coffee Break, 9:30am-10:00am, Exhibit Hall A			
	The Path to Affordable Large UVOIR Space Telescopes, 9:30am-11:30am, Room 202A			
10:00am	Special and Oral Sessions 401-415, 10:00am-11:30am			
	401 Cataclysmic Variables and Compact Binaries Room 102A	402 Cosmology, the Lyman-alpha Forest, and Intergalactic Medium from BOSS Room 102C	403 Dusty Debris in the Terrestrial Planet Zone II Room 103C	404 Dwarf and Irregular Galaxies II: ISM/IGM and the Magellanic Clouds Room 104A
	405 Evolution of Galaxy Mergers, Black Hole Formation, and Satellite Galaxies Room 104C	406 First Nation Astronomers and Educators Room 201B	407 Kepler Exoplanets Grand Ballroom	408 Laboratory Astrophysics and Pulsar Potpourri Room 102B
	409 Large Scale Structure, Cosmic Distance Scale and GRBs II Room 202B	410 Massive Star Formation and Supernovae IV Room 201A	411 Nearby Star Forming Galaxies Room 104B	412 Pulsars, Neutron Stars Room 101A
	413 Radio Surveys of Galactic Clouds Room 103A	414 Starburst Galaxies Room 103B	415 The Sun Room 101B	
	Hack Day, 10:00am-5:30pm, Beacon A (Hyatt Long Beach)			

Thursday, 10 January 2013 Continued

11:40am	416 Plenary Session: The Hubble Constant in the Era of Precision Cosmology, Lucas M. Macri (Texas A&M University), 11:40am-12:30pm, Grand Ballroom			
12:45pm	417 Town Hall: Organized by the U.S. National Research Council's Committee on Astronomy and Astrophysics, 12:45pm-1:45pm, Room 104A			
	Invitation Only: AAS Focus Group, 12:45pm-1:45pm, Regency Ballroom F (Hyatt Long Beach)			
1:00pm	Career Hour 4: Negotiation Strategy and Tactics, 1:00pm-2:00pm, Regency Ballroom E (Hyatt Long Beach)			
	Afternoon Poster Session, 1:00pm-2:00pm, Exhibit Hall A			
2:00pm	Special and Oral Sessions 418-427, 2:00pm-3:30pm			
	418 CO, Dust, Outflows, etc. in Galaxies Room 201B	419 Direct Imaging Methods for Extrasolar Planet Detection Room 101A	420 Evolution in Compact Galaxy Clusters Room 201A	421 High Energy Binaries Room 102C
	422 Multi-wavelength Spectroscopy of AGN Room 103A	423 Nearby Stars and Wide Binaries Room 102A	424 Planetary Systems Orbiting White Dwarfs and Neutron Stars Room 103C	425 Star Associations, Star Clusters - Extragalactic Room 102B
	426 Star Formation - Clusters and Cores Room 103B	427 The Role of Calibration in Modern Optical and Infrared Astronomy Room 101B		
3:40pm	428 Plenary Session: Gas Flows and Galaxy Evolution, Dawn Erb (University of Wisconsin Milwaukee), 3:40pm-4:30pm, Grand Ballroom			
4:30pm	429 Plenary Session: Lancelot M. Berkeley Prize: Results from the Wilkinson Microwave Anisotropy Probe (WMAP), Eiichiro Komatsu (Max Planck Institute for Astrophysics, Garching, Germany, University of Texas at Austin), 4:30pm-5:20pm, Grand Ballroom			
5:30pm	AAS Closing Reception, 5:30pm-7:00pm, Promenade 104			
8:00pm	Public Lecture: Science and the New Space Race: Opportunities and Obstacles, 8:00pm-9:30pm, Beckman Auditorium, CIT, JPL			