

AAS 218th Meeting
21-26, May 2011 Boston, MA
Block Schedule

Saturday, 21 May 2011	
8:00am	Workshop: CAE/CATS Astro 101 Tier I Teaching Excellence Workshop, 8:00am - 5:00pm, Empire
12:00pm	AAVSO Registration, 12:00pm - 3:00pm, Westin Main Lobby
1:00	AAVSO Membership Meeting, 1:00pm - 2:00pm, Harbour/Ipswich, Turner Fisheries
2:00	Special Session: AAVSO Paper Session I, 2:00pm - 5:00pm, Harbour/Ipswich, Turner Fisheries
7:00	AAVSO Banquet, 7:00pm - 10:00pm, AAVSO Headquarters

Sunday, 22 May 2011	
8:00am	Workshop: CAE/CATS Tier II Technology Special Topic Workshop, 8:00am - 5:00pm, St. George CD
	Workshop: CAE/CATS Astro 101 Tier I Teaching Excellence Workshop, 8:00am - 5:00pm, Empire
	AAS Council Meeting, 8:00am - 5:00pm, Parliament/Adams
	Workshop: Neutron Stars and Gravitational Waves: The Next Steps toward Detection, 8:00am - 6:30pm, St. George AB
	AAVSO Registration, 8:00am - 10:00am, Westin Main Lobby
9:30	Special Session: AAVSO Paper Session II, 9:30am - 12:00pm, Staffordshire
1:30pm	Special Session: HAD I: Women in the History of Variable Star Astronomy, 1:30pm - 3:00pm, Staffordshire
3:00	Registration, 3:00pm - 8:00pm, Registration Desk, Essex Foyer
	Speaker Ready Room, 3:00pm - 5:00pm, Great Republic
3:20	Special Session: HAD II: Variable Star Astronomy in Theory and Practice, 3:20pm - 5:30pm, Staffordshire
4:30	K-12 Educator Reception, 4:30pm - 6:00pm, Venetian Room, Fairmont Hotel
6:00	Undergraduate Orientation, 6:00pm - 7:00pm, Oval Room, Fairmont Hotel
7:00	Opening Reception, 7:00pm - 9:30pm, Grand Ballroom, Fairmont Hotel

Monday, 23 May 2011				
7:30am	Speaker Ready Room, 7:30am - 5:30pm, Great Republic			
	Registration, 7:30am - 5:00pm, Registration Desk, Essex Foyer			
	Session Chair Breakfast, 7:30am - 8:00am, Baltic			
	Poster and Exhibit Set-Up, 7:30am - 8:00am, Essex Ballroom and America Foyer			
8:00	100 Invited Session: Welcoming Address, 8:00am - 8:30am, America Ballroom			
	Cyber Café, 8:00am - 7:00pm, America Foyer			
	Exhibits, 8:00am - 7:00pm Essex Ballroom and America Foyer			
	Posters, 8:00am - 7:00pm, Essex Ballroom and American Foyer			
	125 Stellar Evolution, Stellar Populations	130 Galactic & Extra-Galactic Star Formation		
	126 AAVSO Poster Session	131 Computation, Data Handling, Image Analysis		
	127 Supernovae. Planetary Nebulae, Evolved Stars, Cataclysmic Variables, Novae	132 Instrumentation: Ground Based or Airborne		
	128 Extrasolar Planets: Detection and Characterization	133 Star Clusters and Associations - Galactic & Extra-galactic		
	129 Molecular Clouds, HII Regions, Interstellar Medium and Dust	134 Laboratory Astrophysics and Catalogs		
8:30	101 Invited Session: Kavli Lecture: The 2050 Decadal Survey of Astronomy and Astrophysics, Malcolm Longair (Cavendish Laboratory), 8:30am - 9:20am, American Ballroom			
10:00	MiM/Special Sessions and Oral Sessions 102 - 108, 10:00am - 11:30am			
	102 MiM: 12-Years of Science with Chandra: Chandra Observations of the Solar System America North	103 Special Session: AAVSO: Astrophysics with Small Telescopes America Central	104 Special Session: "New Worlds, New Horizons": The Science of Astro2010 America South	106 Spiral Galaxies Staffordshire
	107 Black Holes St. George CD	108 The Galactic Center Gloucester		
11:40	109 Invited Session: Stars, Planets and The Weather: If You Don't Like It Wait 5 Billion Years, Jeremy J. Drake (Harvard-Smithsonian, CfA), 11:40am - 12:30pm, America Ballroom			
12:30pm	ALMA Early Science Proposal Preparation Tutorial, 12:30pm - 3:30pm, St. James Room, Fairmont Hotel			
12:45	NASA Town Hall, 12:45pm - 1:45pm, America South			
2:00	MiM/Special Sessions/Oral Sessions - 110 - 117, 2:00pm - 3:30pm			
	110 MiM: 12-Years of Science with Chandra: The X-ray Life of Stars America North	111 MiM: Nuclear Physics I – Stellar Nucleosynthesis St. George CD	112 MiM: Searching for Exoplanets with Kepler America South	113 Special Session: Early Science From Pan-STARRS 1 Staffordshire
	114 Special Session: AAVSO: Variable Stars in the Imaging Era America Central	115 Special Session: Hard X-ray Surveys of AGN St. George AB	116 Special Session: Astronomy Unexpected! Innovative Strategies for Reaching Non-Traditional Students Gloucester	117 Special Session: Remembering John Huchra Oval Room, Fairmont Hotel
3:40	118 Invited Session: Stellar Astrophysics from the Kepler Mission, Ronald L. Gilliland (STScI), 3:40pm-4:30pm, America Ballroom			
4:30	Special Sessions/Oral Sessions - 119 - 124, 4:30pm - 6:00pm			
	119 Evolution of Galaxies I America North	120 Dark Matter & Dark Energy/Large Scale Structures, Cosmic Distance Scale America Central	121 Stars, Dwarfs, Stellar, Circumstellar Disks America South	122 Binary Stellar Systems, X-ray Binaries St. George CD
	123 Quasars, AGN, Starbursts, and SEDs Staffordshire			
	SOFIA: Opportunities for Scientists and Educators, 4:30pm - 6:30pm, Gloucester			
6:00	Evening Poster Session, 6:00pm - 7:00pm, Essex Ballroom and America Foyer			
7:00	AAVSO Open House, 7:00pm - 9:30pm, AAVSO Headquarters			

Tuesday, 24 May 2011				
7:30am	Speaker Ready Room, 7:30am - 5:30pm, Great Republic			
	Poster and Exhibit Set-Up, 7:30am - 8:00am, Essex Ballroom and America Foyer			
8:00	Registration, 8:00am - 5:00pm, Registration Desk, Essex Foyer			
	Cyber Café, 8:00am - 7:00pm, America Foyer			
8:00	Exhibits, 8:00am - 7:00pm, Essex Ballroom and America Foyer			
	Posters, 8:00am - 7:00pm, Essex Ballroom and American Foyer			
	224 The Sun and The Solar System 225 Circumstellar Disks 226 Young Stellar Objects, Very Young Stars, T-Tauri Stars, H-H Objects 227 Results From Kepler 228 12-Years of Science with Chandra 229 Black Holes 230 Binary Stellar Systems, X-ray Binaries 231 The Milky Way, the Galactic Center	232 Pulsars, Neutron Stars and Related Topics 233 Cosmology 234 Dark Matter & Dark Energy/Large Scale Structures, Cosmic Distance Scale 235 Relativistic Astrophysics, Gravitational Lenses & Waves 236 Galaxy Clusters 237 Gamma Ray Bursts 238 Evolution of Galaxies		
8:30	200 Invited Session: The Pan-STARRS Wide-Field Imaging Survey, Nicholas Kaiser (Institute for Astronomy, Univ. of Hawaii), 8:30am-9:20am, America Ballroom			
10:00	MiM/Special Sessions/Oral Sessions - 201 - 207, 10:00am - 11:30am			
	201 MiM: 12-Years of Science with Chandra: SNR and Compact Objects America North	202 MiM: Nuclear Physics II – Gamma-Ray Spectroscopy and Radioactive Nuclei St. George CD	203 MiM: Kepler and the Architecture of Planetary Systems America South	204 MiM: SMARTS: Science Results St. George AB
	205 MiM: What's New under the Suns? I Staffordshire	206 Special Session: Cosmic Evolution from Galaxy Zoo America Central	207 Cosmic Microwave Background/ Relativistic Astrophysics, Gravitational Lenses & Waves Gloucester	
11:40	208 Invited Session: Russell Prize: Mapping the Universe with Redshift Surveys and Weak Lensing, Margaret J. Geller, 11:40am - 12:30pm, America Ballroom			
12:30pm	ALMA Early Science Proposal Preparation Tutorial, 12:30pm - 3:30pm, St. James Room, Fairmont Hotel			
	Cosmic Origins Program Analysis Group (COPAG) Community Meeting, 12:30pm - 3:30pm, Venetian Room, Fairmont Hotel			
12:45pm	NSF Town Hall, 12:45pm - 1:45pm, America South			
2:00	MiM/Special Sessions/Oral Sessions 209 - 215, 2:00pm - 3:30pm			
	209 MiM: 12-Years of Science with Chandra: Galaxies America North	210 MiM: Nuclear Physics III – Neutrino Astrophysics St. George CD	211 MiM: Exoplanet Characterization with Kepler America South	212 MiM: SMARTS: Current and Future Capabilities St. George AB
	213 MiM: What's New under the Suns? II Staffordshire	214 Special Session: Transforming Cultural Norms: Mentoring/Networking Groups for Women and Minorities Gloucester	215 Astronomy Education & Public Outreach America Central	
3:40	216 Invited Session: Early Science with the Expanded Very Large Array, Chris Luke Carilli (NRAO), 3:40pm - 4:30pm, America Ballroom			
4:30	MiM/Special Sessions/Oral Sessions - 217 - 222, 4:30pm - 6:00pm			
	217 Star Formation, the Milky Way, Star Clusters America North	218 Extrasolar Planets: Detection and Characterization America Central	219 Supernovae, PNe, Evolved Stars and other Topics St. George CD	220 Cosmology America South
	221 Special Session: Prospects for High Resolution Low Energy X-ray Spectroscopy Staffordshire	222 Special Session: Sustainability and Astronomy: "Green" Professional Action and Public Outreach St. George AB		
6:00	Evening Poster Session, 6:00pm - 7:00pm, Essex Ballroom and America Foyer			
7:00	223 Invited Session: SPD Hale Prize: The Sun's Magnetic Surface, Hendrik Spruit (MPI for Astrophysics, Germany), 7:00pm - 8:00pm, America South			

Wednesday, 25 May 2011				
7:30am	Speaker Ready Room, 7:30am - 5:30pm, Great Republic			
	Session Chair Breakfast, 7:30am - 8:00am, Baltic			
	Poster and Exhibit Set-Up, 7:30am - 8:00am, Essex Ballroom and America Foyer			
8:00	Registration, 8:00am - 5:00pm, Registration Desk, Essex Foyer			
	Cyber Café, 8:00am - 7:00pm, America Foyer			
	Exhibits, 8:00am - 7:00pm, Essex Ballroom and America Foyer			
	Posters, 8:00am - 7:00pm, Essex Ballroom and American Foyer			
	322 Variable Stars	323 Stellar Atmospheres, Winds	324 SPICA	325 Low-Mass Stellar Science
	326 M Dwarfs, Brown Dwarfs, White Dwarfs	327 Blazars, Quasars, and Other AGN	328 Surveys and Large Programs	329 Spiral Galaxies
				330 Herschel
				331 Instrumentation: Space Missions & Related Topics
				332 Intergalactic Medium & QSO Absorption Line Systems
				333 Astronomy Education & Public Outreach
				334 Dwarf Galaxies
8:30	300 Invited Session: Demographics in Astronomy and Astrophysics, James S. Ulvestad (NSF), 8:30am-9:20am, America Ballroom			
10:00	MiM/Special Sessions/Oral Sessions 301 - 307, 10:00am - 11:30am			
	301 MiM: 12-Years of Science with Chandra: AGN and SMBHs America North	302 MiM: Particle Physics I – Dense Matter St. George CD	303 MiM: Astrophysics with Kepler I America South	304 MiM: The Panchromatic View of Star Formation and Protoplanetary Disks in Diverse Environments I America Central
	305 Special Session: The Literature-Data Connection: Meaning, Infrastructure and Impact Staffordshire	306 Special Session: Low-Mass Stellar Science in the Era of Large Surveys St. George AB		
11:40	308 Invited Session: From Hot Jupiters to Habitable Worlds, Debra Fischer (Yale University), 11:40am-12:30pm, America Ballroom			
12:45pm	AAS Members Meeting Town Hall, 12:45pm - 1:45pm, America South			
2:00	MiM/Special Sessions/Oral Sessions 309 - 315, 2:00pm - 3:30pm			
	309 MiM: 12-Years of Science with Chandra: Clusters and Groups of Galaxies America North	310 MiM: Particle Physics II – High Energy Astrophysics St. George CD	311 MiM: Astrophysics with Kepler II America South	312 MiM: The Panchromatic View of Star Formation and Protoplanetary Disks in Diverse Environments II America Central
	313 Special Session: The Oort Cloud: How is it Filled? How is it Emptied? St. George AB	314 Special Session: SPICA and the Promise of the Far-Infrared Gloucester	315 Special Session: Using the Discoveries of Astronomy to Teach Physics Staffordshire	
3:40	316 Invited Session: What Drives the Growth of Black Holes?, Ryan C. Hickox (Durham University, United Kingdom), 3:40pm-4:30pm, America Ballroom			
4:30	MiM/Special Sessions/Oral Sessions 317 - 321, 4:30pm - 6:00pm			
	317 AGN, Mergers, and Jets America North	318 Dust and Star Formation America Central	319 Galaxy Clusters America South	320 Pulsars and Neutron Stars Staffordshire
	321 Molecular Clouds, HII Regions, Interstellar Medium St. George CD			
6:00	Evening Poster Session, 6:00pm - 7:00pm, Essex Ballroom and America Foyer			
7:00	Closing Reception, 7:30pm - 9:00pm, Fairmont Hotel			

Thursday, 26 May 2011				
7:30am	Speaker Ready Room, 7:30am - 11:00am, Great Republic			
	Poster and Exhibit Set-Up, 7:30am - 8:00am, Essex Ballroom and America Foyer			
8:00	Registration, 8:00am - 12:00pm, Registration Desk, Essex Foyer			
	Cyber Café, 8:00am - 12:00pm, America Foyer			
	Exhibits, 8:00am - 12:00pm, Essex Ballroom and America Foyer			
	Posters, 8:00am - 12Noon, Essex Ballroom			
	405 The Sun and Solar System II 406 Extrasolar Planets 407 Stars, Star Formation and Associated Topics 408 Galaxies, Galaxy Clusters and Friends	409 Instrumentation, Surveys and Data 410 High Energy, Cosmology and Other Topics 411 Education		
8:30	400 Invited Session: The Least Luminous Galaxies in the Universe, Beth Willman (Haverford College), 8:30am - 9:20am, America Ballroom			
10:00	MiM/Special Sessions/ Oral Sessions 401 - 413 , 10:00am - 11:30am			
	401 MiM: Particle Physics III: Variations of Fundamental Constants and Dark Matter Searches America North	402 Extrasolar Planets: Theory and Characterization America Central	403 Evolution of Galaxies II America South	
11:40	404 Invited Session: GALEX: Mapping the Hidden Side of Galaxy Evolution and the UV Universe, Chris Martin (Caltech), 11:40am - 12:30pm, America South			