

**229th AAS Meeting
Grapevine, Texas
3 - 7 January, 2017**

Monday, 2 January 2017	
1:00 pm	Workshop: Identifying Habitable Planets of Nearby M Dwarfs, 1:00 pm - 5:00 pm, Texas C
2:00 pm	Exoplanet Exploration Program Analysis Group 15 (day 1 of 2), 2:00 pm - 7:30 pm, Texas D
Tuesday, 3 January 2017	
8:00 am	AAS Council Meeting, 8:00 am - 5:00 pm, Yellow Rose Ballroom
	Workshop: Introduction to Software Carpentry, 8:00 am - 5:30 pm, Appaloosa 1
8:30 am	Workshop: Using Python for Astronomical Data Analysis, 8:30 am - 5:00 pm, Texas C
	Workshop: 2017 AAS Astronomy Ambassadors Workshop (day 1 of 2), 8:30 am - 6:00 pm, Appaloosa 4
	Workshop: 2017 NSF Postdoctoral Fellows Symposium, 8:30 am - 5:30 pm, Dallas 6
9:00 am	LSST AGN Science Collaboration Roadmap Development, 9:00 am - 6:00 pm, Appaloosa 2
	Exoplanet Exploration Program Analysis Group 15 (day 2 of 2), 9:00 am - 5:00 pm, Texas D
10:00 am	Workshop: The Performing Art of Science Presentation, 10:00 am - 5:00 pm, Texas 4
12:30 pm	Workshop: Impacting Broader Audiences with Your Research, 12:30 pm - 4:00 pm, Mustang 4
1:00 pm	Registration, 1:00 pm - 8:00 pm, Texas Ballroom Foyer
	Workshop: Light Pollution Solutions Communities Can Use, 1:00 pm - 5:00 pm, Mustang 6
	DIY Your Own Zooniverse Project, 1:00 pm - 3:00 pm, Mustang 2
	Workshop: ZTF Community Workshop, 1:00 pm - 5:00 pm, Mustang 3
2:30 pm	90 HAD I: The 2017 Osterbrock Prize: The Biographical Encyclopedia of Astronomers, 2:30 pm - 4:30 pm, Texas 3
3:00 pm	Speaker Ready Room, 3:00 pm - 5:00 pm, Austin 1
4:30 pm	K-12 Astronomy Educator Reception, 4:30 pm - 6:30 pm, Dallas 1
5:30 pm	Student Reception - Orientation and Grad School Fair, 5:30 pm - 7:30 pm, Texas A
6:00 pm	WG for the Preservation of Astronomical Heritage, 6:00 pm - 7:00 pm, Appaloosa 3
7:00 pm	AAS Opening Reception, 7:00 pm - 8:30 pm, Longhorn Exhibit Hall D

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Wednesday, 4 January 2017				
7:30 am	Session Chair Breakfast, 7:30 am - 8:00 am, Appaloosa 4 (<i>Invitation Only</i>)			
	Speaker Ready Room, 7:30 am - 4:00 pm, Austin 1			
	Registration, 7:30 am - 5:00 pm, Texas Ballroom Foyer			
8:00 am	100 Plenary Session: Welcome Address by AAS President Christine Jones (Harvard-Smithsonian, CfA), 8:00 am - 8:30 am, Texas A			
8:30 am	101 Plenary Session: Kavli Foundation Lecture: Early Solar System Bombardment: Exploring the Echos of Planetary Migration and Lost Ice Giants, William Bottke (SwRI), 8:30 am - 9:20 am, Texas A			
9:00 am	Exhibit Hall, Posters & Internet Café, 9:00 am - 6:30 pm, Longhorn Exhibit Hall D			
9:30 am	Coffee Break, 9:30 am - 10:00 am, Longhorn Exhibit Hall D			
	Flexible Multi-dimensional Modeling of Complex Data in Astronomy, 9:30 am - 11:30 am, Grapevine 4			
	Workshop: Career 101: Career Planning Workshop and Panel for Graduate Students and Postdocs, 9:30 am - 11:30 am, San Antonio 1			
10:00 am	Concurrent Sessions 102 - 116, 10:00 am - 11:30 am			
	102 Star Formation I Texas A	103 Mergers, AGN, and GRB Host Galaxies Texas C	104 Extrasolar Planets Detection: Transit Texas D	105 Galaxy Clusters I Grapevine A
	106 Ground Based and Airborne Instruments Grapevine B	107 Black Holes I Grapevine C	108 HEAD I: Astronomy Across the Gravitational Spectrum Grapevine D	109 New, Fundamental, Cutting-Edge Science from Arecibo Observatory Texas 1
	110 Geoengineering the Atmosphere to Fight Climate Change: Should Astronomers Worry About It? Texas 5	111 HAD II: Some Notes on the History of Infrared Astronomy from Above the Atmosphere Texas 3	112 The Solar System Texas 4	113 Intergalactic Medium, QSO Absorption Line Systems Grapevine 1
	114 Elliptical and Spiral Galaxies Grapevine 2	115 Supernovae and Planetary Nebulae Fort Worth 6	116 Planetary Environments and Habitability Dallas 6	
	AAS Astronomy Education Board Forum, 10:00 am - 11:30 am, Dallas 1			
10:15 am	Press Conference, 10:15 am - 11:15 am, Austin 5			
11:40 am	117 Plenary Session: Annie Jump Cannon Award: The Tumultuous Lives and Deaths of Stars, Laura Lopez (Ohio State University), 11:40 am - 12:30 pm, Texas A			
12:30 pm	Workshop: Introducing Current Research Into Your Classroom, 12:30 pm - 2:00 pm, Appaloosa 1			
	Workshop: New Methods for Teaching About Exoplanets, 12:30 pm - 2:00 pm, Dallas 1			
12:45 pm	118 Town Hall: NSF Town Hall, 12:45 pm - 1:45 pm, Texas C			
	119 Town Hall: HAD Town Hall, 12:45 pm - 1:45 pm, Texas 3			
	Workshop: 2017 AAS Astronomy Ambassadors Workshop (day 2 of 2), 12:45 pm - 5:30 pm, Appaloosa 4			
1:00 pm	Science of X-ray Surveyor, 1:00 pm - 3:30 pm, San Antonio 1			
2:00 pm	Concurrent Sessions 120 - 134 , 2:00 pm - 3:30 pm			
	120 Extrasolar Planets: Characterization and Theory I Texas A	121 AGN, QSO, Blazars: Obscured Texas C	122 GW-SMBH-Lensing-PTA Texas D	123 Dwarf and Irregular Galaxies I Grapevine A
	124 Star Associations, Star Clusters - Galactic & Extragalactic I Grapevine B	125 Cosmology I Grapevine C	126 Science with the Discovery Channel Telescope and Beyond Grapevine D	127 Linking the Scales of Star Formation Texas 1
	128 Surveys and Data - Catalogs, Archives, Searched Texas 5	129 HAD III: History Texas 3	130 Variable Stars, Asteroseismology Texas 4	131 Cool Stars I Grapevine 1
	132 CO-HI Observations of Galaxies Grapevine 2	133 Dust and Magnetic Fields Fort Worth 6	134 Structure of the Milky Way, and Stellar Astrometry Dallas 6	
	Astronomy Education in the NSF IUSE:EHR Program, 2:00 pm - 3:30 pm, Grapevine 4			

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	Big Bang to Biology: What Can I Do With LUVOIR?, 2:00 pm - 3:30 pm, Mustang 4		
2:15 pm	Press Conference, 2:15 pm - 3:15 pm, Austin 5		
3:40 pm	135 Plenary Session: Henry Norris Russell Lectureship: How Stars Form, Christopher McKee (University of California, Berkeley), 3:40 pm - 4:30 pm, Texas A		
4:30 pm	136 Town Hall: Racism = Prejudice + Power: A Discussion of Racism in the Field of Astronomy, 4:30 pm - 5:30 pm, Texas A		
5:30 pm	Evening Poster Session 137 - 157 , 5:30 pm - 6:30 pm, Longhorn Exhibit Hall D		
	<table style="width: 100%; border: none;"> <tr> <td style="width: 50%; border: none;"> 137 New, Fundamental, Cutting-Edge Science from Arecibo Observatory Poster Session 138 Astrobiology Poster Session 139 Laboratory Astrophysics Poster Session 140 Preparing for, and Engaging in, the 2017 Solar Eclipse Poster Session 141 Relativistic Astrophysics, Gravitational Lenses, and Waves Poster Session 142 The Milky Way, The Galactic Center Poster Session 143 Elliptical Galaxies Poster Session 144 Spiral Galaxies Poster Session 145 Dwarf and Irregular Galaxies Poster Session 146 Extrasolar Planets: Detection Poster Session 147 The Solar System Poster Session </td> <td style="width: 50%; border: none;"> 148 Planetary Nebulae, Supernova Remnants Poster Session 149 Gamma Ray Bursts Poster Session 150 Intergalactic Medium, QSO Absorption Lines Poster Session 151 Stellar Atmospheres, Winds, Be Stars, and Rayet Phenomena Poster Session 152 Pulsating & Variable Stars Poster Session 153 Star Formation Poster Session 154 Stellar Evolution, Stellar Populations Poster Session 155 Ground Based Facilities and Instrumentation Poster Session 156 Catalogs Poster Session 157 Societal Matters Poster Session 158 HAD IV: Poster Session </td> </tr> </table>	137 New, Fundamental, Cutting-Edge Science from Arecibo Observatory Poster Session 138 Astrobiology Poster Session 139 Laboratory Astrophysics Poster Session 140 Preparing for, and Engaging in, the 2017 Solar Eclipse Poster Session 141 Relativistic Astrophysics, Gravitational Lenses, and Waves Poster Session 142 The Milky Way, The Galactic Center Poster Session 143 Elliptical Galaxies Poster Session 144 Spiral Galaxies Poster Session 145 Dwarf and Irregular Galaxies Poster Session 146 Extrasolar Planets: Detection Poster Session 147 The Solar System Poster Session	148 Planetary Nebulae, Supernova Remnants Poster Session 149 Gamma Ray Bursts Poster Session 150 Intergalactic Medium, QSO Absorption Lines Poster Session 151 Stellar Atmospheres, Winds, Be Stars, and Rayet Phenomena Poster Session 152 Pulsating & Variable Stars Poster Session 153 Star Formation Poster Session 154 Stellar Evolution, Stellar Populations Poster Session 155 Ground Based Facilities and Instrumentation Poster Session 156 Catalogs Poster Session 157 Societal Matters Poster Session 158 HAD IV: Poster Session
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	Workshop: Career Hour 1: Leveraging Social Media for Networking and Career Advancement, 5:30 pm - 6:30 pm, San Antonio 1		
6:30 pm	Career Networking and Job Fair, 6:30 pm - 8:00 pm, Grapevine C		
	CSMA Meet & Greet, 6:30 pm - 7:30 pm, San Antonio 5		
	SPS Evening of Undergraduate Science, 6:30 pm - 8:30 pm, Yellow Rose Ballroom		
	LGBTQA Networking Dinner, 6:30 pm - Meet at AAS Registration Desk		
7:30 pm	Science Opportunities with the NASA K2 and TESS Missions, 7:30 pm - 9:00 pm, Texas C		
	159 Town Hall: LSST Town Hall, 7:30 pm - 9:00 pm, Grapevine A		
8:00 pm	Film Screening: StarMen, 8:00 pm - 10:00 pm, Grapevine D		

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Thursday, 5 January 2017				
7:30 am	Speaker Ready Room, 7:30 am - 4:00 pm, Austin 1			
8:00 am	Registration, 8:00 am - 5:00 pm, Texas Ballroom Foyer			
	Session Chair Breakfast, 8:00 am - 8:30 am, Appaloosa 4 (<i>Invitation Only</i>)			
8:30 am	200 Plenary Session: The LED Outdoor Lighting Revolution: Opportunities, Threats and Mitigation, Martin Aubé (Cégep de Sherbrook), 8:30 am - 9:20 am, Texas A			
9:00 am	Exhibit Hall, Posters & Internet Café, 9:00 am - 6:30 pm, Longhorn Exhibit Hall D			
9:20 am	201 Plenary Session: AAS Prize Presentations: Buchalter Cosmology, Weber, George Van Biesbroeck, Tinsley, LAD Astrophysics Prize, Education, 9:20 am - 9:40 am, Texas A			
9:40 am	Coffee Break, 9:40 am - 10:00 am, Longhorn Exhibit Hall D			
10:00 am	Concurrent Sessions 202 - 216, 10:00 am - 11:30 am			
	202 Extrasolar Planets: Characterization and Theory II Texas A	203 AGN, QSO, Blazars: Energetics and Physics Texas C	204 Star Formation: Galactic to Extragalactic Texas D	205 First Galaxies and Early Universe Grapevine A
	206 Space Missions from Cubesats to LUVOR Texas 5	207 Black Holes II Grapevine C	208 HEAD II: The Physics of the Perseus Cluster, and Other Highlights, From Hitomi Grapevine D	209 Making Great Observatories Even Better: Hubble's Hand in Studying the Multi-Wavelength Universe Texas 1
	210 The Presidential Transition: What Can We Expect? Grapevine B	211 The Value of Astronomical Data and Long Term Preservation Texas 3	212 Young Stellar Objects, Very Young Stars, T-Stars, H-H Objects Texas 4	213 Innovations in Astronomy Teaching and Learning Grapevine 1
	214 Galaxies at High Redshift Grapevine 2	215 Cataclysmic Variables, Novae, and Symbiotic Stars Forth Worth 6	216 The Galactic Disk, Galactic Bulge, and Galactic Center Dallas 6	
	2017 Eclipse of the Sun: Education and Outreach, 10:00 am - 11:30 am, San Antonio 1			
10:15 am	Press Conference, 10:15 am - 11:15 am, Austin 5			
11:40 am	217 Plenary Session: What We Don't Know About the Beginning of the Universe, Sean Carroll (Caltech), 11:40 am - 12:30 pm, Texas A Education and Public Outreach Event, Student Welcome, 11:40 am - 12:10 pm, Grapevine C (followed by event in Exhibit Hall until 2:00 pm)			
12:30 pm	Workshop: Career Hour 2: Interviewing: What You Need to Do Before, During, and After to Get the Job, 12:30 pm - 1:30 pm, San Antonio 1			
	Workshop: New Methods for Teaching in the Flipped Classroom, 12:30 pm - 2:00 pm, Dallas 1			
12:45 pm	218 Town Hall: NASA Town Hall, 12:45 pm - 1:45 pm, Texas C			
2:00 pm	Concurrent Sessions 219 - 233, 2:00 pm - 3:30 pm			
	219 Extrasolar Planets: Characterization and Theory III Texas A	220 AGN, QSO, Blazars: High Redshift Texas C	221 Star Associations, Star Clusters - Galactic and Extragalactic II Texas D	222 Starburst Galaxies Near and Far Grapevine A
	223 Surveys and Data - From the Ground Grapevine B	224 Large Scale Structure, Cosmic Distance Scale Grapevine C	225 Extremes of Time Domain Astrophysics: Stellar Mergers to Black Hole Outbursts Grapevine D	226 Science with the Hyper Suprime-Cam (HSC) Survey Texas 1
	227 W. M. Keck Observatory: A Resource for NASA and the Entire US Community Texas 5	228 White Dwarfs Texas 3	229 Star-forming Galaxies at $z \sim 2$ Texas 4	230 Cool Stars II Grapevine 1
	231 Galaxy Clusters and Local Environment Grapevine 2	232 Stellar Evolution, Stellar Populations Forth Worth 6	233 Neutron Stars (Pulsars, Magnetars, Pulsar Wind Nebulae) I Dallas 6	
	Annual Meeting of the USVOA, 2:00 pm - 3:30 pm, Appaloosa 1			
2:15 pm	Press Conference, 2:15 pm - 3:15 pm, Austin 5			
3:40 pm	234 Plenary Session: Dannie Heineman Prize for Astrophysics: Increasing Accuracy and Increasing Tension in H_0 , Wendy Freedman (University of Chicago), 3:40 pm - 4:30 pm, Texas A			
4:30 pm	235 Plenary Session: HEAD Bruno Rossi Prize: A Good Hard Look at Growing Supermassive Black Holes in the Distant Universe, W. Neil Brandt (Pennsylvania State University), 4:30 pm - 5:20 pm, Texas A			

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5:30 pm	Evening Poster Session 236 -250, 5:30 pm - 6:30 pm, Longhorn Exhibit Hall D	
	236 Computation, Data Handling, Image Analysis, and Light Pollution Poster Session 237 Surveys and Large Programs Poster Session 238 Space Missions and Instrumentation Poster Session 239 Making Great Observatories Even Better: Hubble's Hand in Studying the Multi-wavelength Universe Poster Session 240 Cool Stars and Others: Survey, Spectra, Rotation, Fundamentals Poster Session 241 Young Stellar Objects, Very Young Stars, T-Stars, H-H Objects Poster Session 242 Neutron Stars (Pulsars, Magnetars, Pulsar Wind Nebulae) Poster Session	243 Cataclysmic Variables, Novae, and Symbiotic Stars Poster Session 244 White Dwarfs Poster Session 245 Extrasolar Planets: Characterization and Theory Poster Session 246 Large Scale Structure, Cosmic Distance Scale Poster Session 247 Black Holes Poster Session 248 Dark Matter & Dark Energy Poster Session 249 Starburst Galaxies Near and Far Poster Session 250 AGN, QSO, Blazars Poster Session
6:30 pm	251 Town Hall: Proposing for the James Webb Space Telescope, 6:30 pm - 8:30 pm, Grapevine C 252 Town Hall: HEAD Business Meeting, 6:30 pm - 7:30 pm, San Antonio 5 Gemini Observatory Open House, 6:30 pm - 7:30 pm, Texas 4 AAS 40+E and Donor and Sponsor Reception, 6:30 pm - 7:30 pm, Yellow Rose Ballroom (<i>Invitation Only</i>)	
7:30 pm	GMT Open House, 7:30 pm - 9:00 pm, Grapevine A WFIRST Status and Science Opportunities, 7:30 pm - 9:00 pm, Grapevine B	
8:00 pm	Open Mic Night, 8:00 pm - 9:30 pm, Texas C	

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Friday, 6 January 2017				
7:30 am	Speaker Ready Room, 7:30 am - 4:00 pm, Austin 1			
8:00 am	Registration, 8:00 am - 5:00 pm, Texas Ballroom Foyer Session Chair Breakfast, 8:00 am - 8:30 am, Appaloosa 4 (<i>Invitation Only</i>)			
8:30 am	300 Plenary Session: SPD George Ellery Hale Prize: Magnetic Energy Release in Solar Flares, Terry Forbes (University of New Hampshire), 8:30 am - 9:20 am, Texas A			
9:00 am	Exhibit Hall, Posters & Internet Café, 9:00 am - 6:30 pm, Longhorn Exhibit Hall D			
9:30 am	Coffee Break, 9:30 am - 10:00 am, Longhorn Exhibit Hall D Workshop: Graduate School and Postdocs as Means to a Job, 9:30 am - 11:30 am, San Antonio 1			
10:00 am	Concurrent Sessions 301 - 314, 10:00 am - 11:30 am			
	301 Extrasolar Planets: Characterization and Theory IV Texas A	302 AGN, QSO, Blazars: Jets, Outflows, and Winds Texas C	303 Extrasolar Planets Detection: Imaging Texas D	304 Properties of Nearby Galaxies Grapevine A
	305 Galactic Archaeology with Kepler and K2 Grapevine B	306 Cosmology II Grapevine C	307 Merging Galaxies and Gravitational Waves: Mpc to mpc Grapevine D	308 Supernovae Texas 1
	309 Space Missions: X-ray Instruments Texas 3	310 Planets and Planetesimals in Circumstellar Disks Texas 4	311 Molecular Clouds, HII Regions, PDRs Grapevine 1	312 Perspectives in Research Software: Education, Funding, Reproducibility, Citation, and Impact Grapevine 2
	313 Exploring the Optical Time Domain with the Intermediate Palomar Transient Factory Fort Worth 6	314 Graduate, Majors, and Gen. Ed. Astronomy Education: Research, Practice, and Funding Opportunities! Dallas 6		
	Thirty Meter Telescope Open House, 10:00 am - 11:30 am, Yellow Rose Ballroom			
	Early Science with the Large Millimeter Telescope, 10:00 am - 11:30 am, Grapevine 4			
10:15 am	Press Conference, 10:15 - 11:15 am, Austin 5			
11:40 am	315 Plenary Session: Newton Lacy Pierce Prize: The Chemistry of Planet Formation, Karin Öberg (Harvard-Smithsonian, CfA), 11:40 am - 12:30 pm, Texas A			
12:30 pm	NASA COPAG-Far-Infrared SIG Meeting, 12:30 pm - 3:30 pm, San Antonio 1			
12:45 pm	316 Town Hall: Astro2020: The Next Decadal Survey of Astronomy and Astrophysics, 12:45 pm - 1:45 pm, Grapevine C 317 Town Hall: NOAO Forward, 12:45 pm - 1:45 pm, Texas C			
2:00 pm	Concurrent Sessions 318 - 330, 2:00 pm - 3:30 pm			
	318 Extrasolar Planets: Characterization and Theory V Texas A	319 AGN, QSO, Blazars: Hosts and Interactions Texas C	320 Extrasolar Planets Detection: Radial Velocity I Texas D	321 Galaxy Formation and Evolution Grapevine A
	322 Beyond the Academy: Panel Discussion on Entering Non-Academic Careers Grapevine B	323 Cosmic Microwave Background Grapevine C	324 Surveys and Data - Radio and High Energy Grapevine D	325 The Sun Texas 3
	326 Binary and X-ray Stellar Systems Texas 4	327 ALMA Observations of Circumstellar Disks Grapevine 1	328 CubeSats in Astronomy and Astrophysics Grapevine 2	329 Results from the New Half-Degree Imager WIYN-0.9m Telescope Fort Worth 6
	330 Neutron Stars (Pulsars, Magnetars, Pulsar Wind Nebulae) II Dallas 6			
	NOAO Mini-Workshop: Mining Observatory Archives, 2:00 pm - 3:30 pm, San Antonio 4			
	Starshade Development for Direct Imaging of Exoplanets, 2:00 pm - 3:30 pm, Appaloosa 1			
2:15 pm	Press Conference, 2:15 pm - 3:15 pm, Austin 5			

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3:40 pm	331 Plenary Session: Helen B. Warner Prize: Feedback: Now with Physics, Philip Hopkins (Caltech), 3:40 pm - 4:30 pm, Texas A	
4:30 pm	332 Plenary Session: Astronomy from the Upper Stratosphere: Key Discoveries and New Opportunities from High Altitude Scientific Balloons, Laura Fissel (Northwestern University), 4:30 pm - 5:20 pm, Texas A	
5:30 pm	Evening Poster Session 333 - 348, 5:30 pm - 6:30 pm, Longhorn Exhibit Hall D	
	333 Astronomy Majors and Graduate Students: Curriculum and the GRE Poster Session 334 K-12 and Citizen Science Research Collaboration Involving Scientists, Teachers, and Students Poster Session 335 Education Resources and Projects Spanning Broad Audiences Poster Session 336 Promoting Research, Mentorship, and Diversity for Astronomy Poster Session 337 Gen. Ed. Astronomy (Astro 101): Courses, Classroom, Design, and Student Research Poster Session 338 Internships, Fellowships, and Observatory Management Training for High School Students Poster Session	339 The Sun Poster Session 340 Molecular Clouds, HII Regions, Interstellar Medium, and Dust Poster Session 341 Supernovae Poster Session 342 Cosmology and CMB Poster Session 343 Star Associations, Star Clusters - Galactic & Extragalactic Poster Session 344 X-Ray & Eclipsing Binaries, Multiple Star Systems Poster Session 345 Circumstellar and Debris Disks Poster Session 346 Galaxy Clusters Poster Session 347 Evolution of Galaxies Poster Session 348 Next Generation VLA Poster Session
6:30 pm	349 Town Hall: 2017 NSF Astronomy and Astrophysics Postdoctoral Fellows Showcase and Forum, 6:30 pm - 8:30 pm, Texas C	
	350 Town Hall: NRAO Town Hall, 6:30 pm - 8:00 pm, Grapevine C	
	CSWA Meet & Greet, 6:30 pm - 7:30 pm, Yellow Rose Ballroom	
	Opportunities for Time Domain Science with LCOGT: Preparing for the LSST Era, 6:30 pm - 8:00 pm, Grapevine 2	
	AAS Agent's Reception, 6:30 pm - 7:30 pm, Fort Worth 5 (<i>Invitation Only</i>)	

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Saturday, 7 January 2017				
7:30 am	Speaker Ready Room, 7:30 am - 2:00 pm, Austin 1			
8:00 am	Registration, 8:00 am - 12:00 pm, Texas Ballroom Foyer Session Chair Breakfast, 8:00 am - 8:30 am, Appaloosa 4 (<i>Invitation Only</i>)			
8:30 am	400 Plenary Session: Lancelot M. Berkeley Prize: Exploring for Galaxies in the First Billion Years with Hubble and Spitzer - Pathfinding for JWST, Garth Illingworth (UC Santa Cruz), 8:30 am - 9:20 am, Texas A			
9:00 am	Exhibit Hall, Late Posters & Internet Café, 9:00 am - 2:00 pm, Longhorn Exhibit Hall D			
9:30 am	Coffee Break, 9:30 am - 10:00 am, Longhorn Exhibit Hall D			
10:00 am	Concurrent Sessions 401 - 411, 10:00 am - 11:30 am			
	401 Extrasolar Planets: Characterization and Theory VI Texas A	402 AGN, QSO, Blazars: X-rays and Gamma Rays Texas C	403 Extrasolar Planets Detection: Radial Velocity II Texas D	404 Galaxy Clusters II Grapevine A
	405 NASA's 2020 Decadal Studies: An Update Grapevine B	406 Cosmology III Grapevine C	407 GW-Stellar Mass BH Grapevine D	408 The Coolest Stars and Brown Dwarfs Grapevine 1
	409 Statistical, Mathematical and Computational Methods for Astronomy (ASTRO): SAMSI 2016-17 Grapevine 2	410 Supernovae and Remnants Fort Worth 6	411 Astronomy Education Across the Human Continuum: Research, Programs, Practice, and More! Dallas 6	
	Workshop: Hack Together Day, 10:00 am - 7:00 pm, Grapevine 4			
10:15 am	Press Conference, 10:15 am - 11:15 am, Austin 5			
11:40 am	412 Plenary Session: The 21 st Century: The Century of Biology on Earth and Beyond, Jill Tarter (SETI Institute), 11:40 am - 12:30 pm, Texas A			
1:00 pm	Afternoon Poster Session 424 - 440, 1:00 pm - 2:00 pm, Longhorn Exhibit Hall D			
	424 The Sun & Solar System Late Poster Session 425 Extrasolar Planets Late Poster Session 426 Galaxy Clusters and the IGM Late Poster Session 427 Galaxy Evolution Late Poster Session 428 The Milky Way and Other Galaxies Late Poster Session 429 AGN and Friends Late Poster Session 430 Cosmology and Related Topics Late Poster Session 431 Neutron Stars & Friends Late Poster Session		432 Star Formation, Young Stars and Clusters Late Poster Session 433 Stars of Many Stripes Late Poster Session 434 Supernovae et Multo Amplius Late Poster Session 435 The ISM, Dust and Circumstellar Disks Late Poster Session 436 GRBs and Space Missions Late Poster Session 437 From the Earth, We Peer Outward...Late Poster Session 438 Catalogs, Surveys, Computation, etc. Late Poster Session 439 Education and Public Outreach Late Poster Session	
2:00 pm	Concurrent Sessions 413 - 421, 2:00 pm - 3:30 pm			
	413 Extrasolar Planets: Characterization and Theory VII Texas A	414 AGN, QSO, Blazars: Nuclear Regions, and Black Holes Texas C	415 Extrasolar Planets Detection: Methodology Texas D	416 Dwarf and Irregular Galaxies II Grapevine A
	417 Binary Stellar Systems Grapevine B	418 Dark Matter, Dark Energy, and CMB Grapevine C	419 Star Formation II Grapevine D	420 Circumstellar and Debris Disks Grapevine 1
	421 Astronomy Picture of the Day: Creative Use in the Classroom and Beyond Grapevine 2			
2:15 pm	Press Conference, 2:15 pm - 3:15 pm, Austin 5			
3:40 pm	422 Plenary Session: The 2017 Total Solar Eclipse: Through the Eyes of NASA, Alex Young (NASA GSFC), 3:40 pm - 4:30 pm, Texas A			
4:30 pm	423 Plenary Session: How Supermassive Black Hole Feedback Might Work, Megan Donahue (Michigan State University), 4:30 pm - 5:20 pm, Texas A			
5:30 pm	AAS Closing Reception, 5:30 pm - 6:30 pm, Grapevine C			