

SATURDAY

SCHEDULE • Saturday, 8 June 2019

8:00 am	AAS Board of Trustees Meeting, 8:00 am–5:00 pm, Midway 5
9:30 am	Workshop: Planning for the 2023 and 2024 Solar Eclipses (Day 1), 9:30 am–4:30 pm, Regency C

SUNDAY

SCHEDULE • Sunday, 9 June 2019

10:00 am	Workshop: Planning for the 2023 and 2024 Solar Eclipses (Day 2), 10:00 am–3:00 pm, Regency C
1:00 pm	Registration & Badge Pick-up, 1:00 pm–7:30 pm, Depot Registration Office
	Exhibitor Move-in, 1:00 pm–7:00 pm, Midway West
	Speaker Ready Room, 1:00 pm–7:00 pm, Conductor Room
3:00 pm	SPD Committee Meeting, 3:00 pm–4:30pm, Missouri Pacific Room
5:30 pm	Student Orientation Reception & Grad School Fair, 5:30 pm–7:00 pm, Midway 6
7:00 pm	AAS Opening Reception, 7:00 pm–8:30 pm, Grand Hall

SCHEDULE • Monday, 10 June 2019

MONDAY

6:30 am	CAPP Breakfast (Invitation Only), 6:30 am–8:30 am, New York Central Room		
7:30 am	Session Chair Breakfast (Invitation Only), 7:30 am–8:30 am, Link Room		
	Speaker Ready Room, 7:30 am–4:00 pm, Conductor Room		
	Registration, 7:30 am–5:00 pm, Depot Registration Office		
8:10 am	100 Plenary Session: Welcome Address by AAS President Megan Donahue, 8:10 am–8:30 am, Grand Ballroom DEF		
8:30 am	101 Kavli Foundation Lecture: Key Outstanding Questions in Galaxy Formation and How to Answer Them, Alice Shapely (UCLA), 8:30 am–9:20 am, Grand Ballroom DEF		
9:30 am	Exhibits, Student Pavilion, & Internet Café, 9:30 am–6:30 pm, Midway West		
	Coffee Break, 9:30 am–10:30 am, Midway West		
	Morning Posters & Monday Chambliss Judging, 9:30 am–10:30 am, Midway West		
	102 The Solar System	104 Education & History	106 Solar Physics Division (SPD) Poster Session I
	103 Instrumentation: Ground Based or Airborne & Computation	105 Extrasolar Planets	
	Morning iPosters, 9:30 am–10:30 am, Pegram Room		
	107 Solar Physics Division (SPD) Session I	109 Extrasolar Planets	131 Education, History & Astrobiology
	108 Dust & Star Formation	110 Cosmology and Related Topics	
	111 iPoster Plus I: Solar Physics Division (SPD), The Corona, 9:30 am–10:00 am		
	112 iPoster Plus II: The Sun, Solar System & Public Policy, 10:00 am–10:30 am		
	10:40 am	Oral, Special Sessions, Division Meetings, and Meeting-in-a-Meetings, 10:40 am–12:10 pm	
		113 Extra Solar Planets, Grand Ballroom A	116 Instrumentation: Ground Based, Computation, etc., Regency A
114 Laboratory Astrophysics Division Meeting (LAD): Bridging Laboratory and Astrophysics: Molecules and Spitzer I, Grand Ballroom B		117 Solar Physics Division Meeting (SPD), Corona I, Regency B	
115 Cosmological Probes of Dark Matter, I Grand Ballroom C		118 Solar Physics Division Meeting (SPD), Data & Computation, Regency C	
Big Bang to Biosignatures: The LUVUOIR Mission Concept, 10:40 am–12:10 pm, Jeffersonian/Knickerbocker Room			
11:00 am	Press Conference, 11:00 am–12:00 pm, Illinois Central Room		
1:10 pm	Lunch Break (Cash Lunch Sales 12:00 pm–2:00 pm) Train Park located in the Exhibit Hall		
12:20 pm	119 Helen B. Warner Prize Lecture: Hunting for Dark Matter in the Early Universe, Yacine Ali-Haïmoud (New York University) 12:20 pm–1:10 pm, Grand Ballroom DEF		
1:40 pm	120 Town Hall: NASA Town Hall, 1:40 pm–2:40 pm, Grand Ballroom A		
	Workshop: Introduction to the AAS WorldWide Telescope, 1:40 pm–2:40 pm, Wabash Cannonball Room		

SCHEDULE • Monday, 10 June 2019 continued

2:30 pm	Exploring the Diversity and Habitability of Nearby Planetary Systems with HabEx, 2:30 pm–4:30 pm, Midway 1&2		
2:50 pm	Oral, Special Sessions, Division Meetings, and Meeting-in-a-Meetings, 2:50 pm–4:20 pm		
	121 Laboratory Astrophysics Division Meeting (LAD): Bridging Laboratory and Astrophysics: Exoplanets I, Grand Ballroom A	124 Galaxies, Regency A	
	122 Stars & Stellar Topics I, Grand Ballroom B	125 Solar Physics Division Meeting (SPD), Corona II, Regency B	
	123 Cosmological Probes of Dark Matter II, Grand Ballroom C	126 Solar Physics Division Meeting (SPD), Instrumentation, Regency C	
3:00 pm	Workshop: Inversion of IRIS Mg II h&k Data: a Machine Learning Approach, 3:00 pm–4:30 pm, Midway 7&8		
	Revealing the Invisible Universe with the Lynx X-ray Observatory, 3:00 pm–4:30 pm, Wabash Cannonball Room		
	Press Conference, 3:00 pm–4:00 pm, Illinois Central Room		
4:30 pm	127 Solar Physics Division (SPD) Plenary: George Ellery Hale Prize Lecture: Observations about Observations of the Sun, Philip Scherrer (Stanford University), 4:30 pm–5:20 pm, Grand Ballroom DEF		
5:30 pm	Evening Poster Session, Monday Chambliss Judging, and Cash Bar Reception, 5:30 pm–6:30 pm, Midway West		
	102 The Solar System	104 Education & History	106 Solar Physics Division (SPD) Poster Session I
	103 Instrumentation: Ground Based or Airborne & Computation	105 Extrasolar Planets	
	Evening iPoster, 5:30 pm–6:30 pm, Pegram Room		
	107 Solar Physics Division (SPD) Session I	109 Extrasolar Planets	131 Education, History & Astrobiology
	108 Dust & Star Formation	110 Cosmology and Related Topics	
	Evening iPoster Plus, 5:30 pm–6:30 pm, Pegram Theater 1		
	128 iPoster Plus III: Dust & Star Formation, 5:30 pm–5:50 pm		
	129 iPoster Plus IV: Extrasolar Planets, 5:50 pm–6:00 pm		
	130 iPoster Plus V: Cosmology & Related Topics, 6:00 pm–6:30 pm		
6:30 pm	132 Town Hall: SPD Agency Town Hall, 6:30 pm–8:00 pm, Regency C		
6:40 pm	133 AAS Members' Meeting, 6:40 pm–7:30 pm, Grand Ballroom DEF		
7:30 pm	134 Town Hall: STScI Town Hall, 7:30 pm–8:30 pm, Grand Ballroom A		

SCHEDULE • Tuesday, 11 June 2019

TUESDAY

7:30 am	Session Chair Breakfast (Invitation Only), 7:30 am–8:30 am, Link Room		
	Speaker Ready Room, 7:30 am–4:00 pm, Conductor Room		
	Registration, 7:30 am–5:00 pm, Depot Registration Office		
8:30 am	200 Laboratory Astrophysics Division (LAD) Plenary Lecture: The Role of Dust in the Molecular Universe, Xander Tielens (Leiden University, The Netherlands), 8:30 am–9:20 am, Grand Ballroom DEF		
9:30 am	Exhibits, Student Pavilion, & Internet Café, 9:30 am–6:30 pm, Midway West		
	Coffee Break, 9:30 am–10:30 am, Midway West		
	Morning Posters & Tuesday Chambliss Judging, 9:30 am–10:30 am, Midway West		
	201 Star Formation, ISM and Related Topics	203 Cosmology and Related Topics	205 Laboratory Astrophysics Division (LAD)
	202 Galaxies & Galaxy Evolution	204 Solar Physics Division (SPD), Session II	
	Morning iPosters, 9:30 am–10:30 am, Pegram Room		
	206 Solar Physics Division (SPD), Session II	208 Instrumentation Space, Ground and Computation	
	207 Stars & Friends I	209 Laboratory Astrophysics Division (LAD)	
	Morning iPosters Plus, 9:30 am–10:30 am, Pegram Theater 1		
	210 iPoster Plus VI: (SPD), Flares, 9:30 am–10:10 am	211 iPoster Plus VII: Stars & Friends, 10:10 am–10:30 am	
10:40 am	Oral, Special Sessions, Division Meetings, and Meeting-in-a-Meetings, 10:40 am–12:10 pm		
	212 NASA Astrophysics Science SmallSat Studies, Grand Ballroom A	215 Stars & Stellar Topics II, Regency A	
	213 Laboratory Astrophysics Division Meeting: Bridging Laboratory and Astrophysics: Molecules and Spitzer II, Grand Ballroom B	216 Solar Physics Division Meeting (SPD), Flares I, Regency B	
	214 Cosmological Probes of Dark Matter Part III, Grand Ballroom C	217 Solar Physics Division Meeting (SPD), Photosphere/Chromosphere, Regency C	
11:00 am	Press Conference, 11:00 am–12:00 pm, Illinois Central Room		
12:20 pm	218 Plenary Lecture: The Tools of Precision Measurements in Exoplanet Discovery and Characterization: Peeking under the Hood of the Instruments, Suvrath Mahadevan (Penn State University), 12:20 pm–1:10 pm, Grand Ballroom DEF		
1:10 pm	Lunch Break (Cash Lunch Sales 12:00 pm–2:00 pm) Train Park located in the Exhibit Hall		
1:30 pm	Learning to Utilize Kepler's Unique Dataset for Computing Exoplanet Occurrence Rates, 1:30 pm–4:30 pm, Midway 7&8		

SCHEDULE • Tuesday, 11 June 2019 *continued*

1:40 pm	219 Town Hall: NSF Town Hall, 1:40 pm–2:40 pm, Grand Ballroom A		
	220 Town Hall: NASA LPAG Town Hall, 1:40 pm–2:40 pm, Grand Ballroom B		
	Workshop: Making Tours with the AAS WorldWide Telescope, 1:40 pm–2:40 pm, Wabash Cannonball Room		
2:50 pm	Orals, Special Sessions, Division Meetings, and Meeting-in-a-Meetings, 2:50 pm–4:20 pm		
	221 Laboratory Astrophysics Division Meeting (LAD): Bridging Laboratory and Astrophysics: Exoplanets II, Grand Ballroom A	224 Education & History, Regency A	
	222 WFIRST Ultra-deep Fields I, Grand Ballroom B	225 Solar Physics Division Meeting (SPD), Flares II, Regency B	
	223 Cosmological Probes of Dark Matter Part IV, Grand Ballroom C	226 Solar Physics Division Meeting (SPD), DKIST I, Regency C	
3:00 pm	Press Conference, 3:00 pm–4:00 pm, Illinois Central Room		
3:30 pm	Space Telescope Science Institute, 3:30 pm–4:30 pm, Jeffersonian/Knickerbocker Room		
4:30 pm	227 Plenary Lecture: Elisabeth Mills (Brandeis University), 4:30 pm–5:20 pm, Grand Ballroom DEF Journey to the Center of the Galaxy: Following the Gas to Understand the Past and Future Activity of Galaxy Nuclei		
5:30 pm	Evening Poster Session, Tuesday Chambliss Judging, and Cash Bar Reception, 5:30 pm–6:30 pm, Midway West		
	201 Star Formation, ISM and Related Topics	203 Cosmology and Related Topics	205 Laboratory Astrophysics Division (LAD)
	202 Galaxies & Galaxy Evolution	204 Solar Physics Division (SPD), Session II	
	Evening iPoster, 5:30 pm–6:30 pm, Pegram Room		
	206 Solar Physics Division (SPD), Session II	208 Instrumentation Space, Ground and Computation	
	207 Stars & Friends I	209 Laboratory Astrophysics Division (LAD)	
	Evening iPoster Plus, 5:30 pm–6:30 pm, Pegram Theater 1		
	228 iPoster Plus VIII: Supernovae, AGN & Galaxies, 5:30 pm–6:10 pm		
	230 iPoster Plus XII: Cosmology, 6:20 pm–6:30 pm		
	6:30 pm	SGMA Meet & Greet for LGBTQIA Members and Students 6:30pm–7:30PM, Gothic Corridor	
Preparing for DKIST data: An Introduction to Solar Gound-based Observations, 6:30 pm–8:30 pm, Jeffersonian/Knickerbocker Room			
The National Academies of Sciences: The Astronomy and Astrophysics Decadal Survey: 2020, 6:30 pm–8:30 pm, Grand Ballroom A			
8:30 pm	Viewing of the documentary, “Cielo”, a film by Alison McAlpine, 8:30 pm–10:00 pm, Grand Ballroom DEF		

SCHEDULE • Wednesday, 12 June 2019

WEDNESDAY

7:30 am	Session Chair Breakfast (Invitation Only), 7:30 am–8:30 am, Link Room	
	EPO Volunteer Breakfast (Invitation Only), 7:30 am–8:30 am, Jeffersonian/Knickerbocker Room	
	Speaker Ready Room, 7:30 am–4:00 pm, Conductor Room	
	Registration, 7:30 am–5:00 pm, Depot Registration Office	
8:30 am	300 Plenary Lecture: Transiting Exoplanets: Past, Present, & Future, Joshua Winn (Princeton University), 8:30 am–9:20 am, Grand Ballroom DEF	
9:30 am	Exhibits, Student Pavilion, & Internet Café, 9:30 am–6:30 pm, Midway West	
	Morning Posters & Wednesday Chambliss Judging, 9:30 am–10:30 am, Midway West	
	301 Instrumentation: Space Missions	303 Stars & Stellar Evolution
	302 Solar Physics Division (SPD) III	
	Morning iPosters, 9:30 am–10:30 am, Pegram Room	
	304 The Sun, Solar Systems & Public Policy	306 Supernovae, AGN & Galaxies
	305 Solar Physics Division (SPD) Session III	322 Stars & Friends II
	Morning iPosters Plus, 9:30 am–10:30 am, Pegram Theater 1	
	307 iPoster Plus IX: (SPD), Eruptions, Photosphere/Chromosphere, Helioseismology and Solar Interior, 9:30 am–10:30 am	
	General Astrophysics and Solar System Science with HabEx, 9:30 am–11:30 am, Midway 7&8	
10:40 am	Oral, Special Sessions, Division Meetings, and Meeting-in-a-Meetings, 10:40 am–12:10 pm	
	308 Cosmology & Related Topics, Grand Ballroom A	310 Solar Physics Division Meeting (SPD), Flares III, Regency B
	309 Laboratory Astrophysics Division Meeting (LAD): Bridging Laboratory and Astrophysics: Molecules and Spitzer III, Grand Ballroom B	311 Solar Physics Division Meeting (SPD), DKIST II, Regency C
11:00 am	Press Conference, 11:00 am–12:00 pm, Illinois Central Room	
11:30 am	Local Student Education Outreach Event, 11:30 am–2:30 pm, Grand Ballroom C	
12:20 pm	312 Plenary Lecture: Cosmological Inference from Large Galaxy Surveys, Elisabeth Krause (University of Arizona), 12:20 pm–1:10 pm, Grand Ballroom DEF	
1:00 pm	Astronomy and Human Spaceflight, 1:00 pm–4:00 pm, Midway 7&8	
1:10 pm	Lunch Break (Cash Lunch Sales 12:00 pm–2:00 pm) Train Park located in the Exhibit Hall	
1:15 pm	Career Panel: Diverse Careers in Astrophysics; 1:15 pm–2:40 pm, New York Room	

SCHEDULE • Wednesday, 12 June 2019 continued

1:40 pm	313 Laboratory Astrophysics Division (LAD) Town Hall: Business Meeting, 1:40 pm–2:40 pm, Grand Ballroom A	
	Workshop: Interactive Data Exploration with pywwt, 1:40 pm–2:40 pm, Wabash Cannonball Room	
	NSO: Countdown to DKIST Start of Operations, 1:40 pm–2:40 pm, Grand Ballroom B	
2:50 pm	Oral, Special Sessions, Division Meetings, and Meeting-in-a-Meetings, 2:50 pm–4:20 pm	
	314 Laboratory Astrophysics Division Meeting (LAD): Bridging Laboratory and Astrophysics: Exoplanets III, Grand Ballroom A	316 ISM & The Milky Way, Regency A
	315 WFIRST Ultra-deep Fields II, Grand Ballroom B	317 Solar Physics Division Meeting (SPD), Eruptions, Regency B
	321 Cosmological Probes of Dark Matter V, Grand Ballroom C	318 Solar Physics Division Meeting (SPD), Helioseismology & Interior, Regency C
3:00 pm	Press Conference, 3:00 pm–4:00 pm, Illinois Central Room	
4:30 pm	319 Solar Physics Division (SPD) Plenary: Karen Harvey Prize Lecture: Where Do Solar Eruptions Come From?, Anthony Yeates (Durham University), 4:30 pm – 5:20 pm, Grand Ballroom DEF	
5:30 pm	Evening Poster Session, Wednesday Chambliss Judging, and Cash Bar Reception, 5:30 pm–6:30 pm, Midway West	
	301 Instrumentation: Space Missions	303 Stars & Stellar Evolution
	302 Solar Physics Division (SPD) III	
	Evening iPosters, 5:30 pm–6:30 pm, Pegram Room	
	304 The Sun, Solar Systems & Public Policy	306 Supernovae, AGN & Galaxies
	305 Solar Physics Division (SPD) Session III	322 Stars & Friends II
6:00 pm	320 Solar Physics Division (SPD) Business Meeting, 6:00 pm–7:15 pm, Regency C	
	SunPy 1.0 Tutorial, 6:00 pm–7:00 pm, Grand Ballroom A	
6:30 pm	40+, Donor, and Sponsor Reception (Invitation Only), 6:30 pm–7:30 pm, Gothic Corridor	
	CSWA Meet & Greet, 6:30 pm–7:30 pm, Midway 7&8	
7:15 pm	Solar Physics Division (SPD) Mixer, 7:15 pm–9:15 pm, Midway 5	

SCHEDULE • Thursday, 13 June 2019

THURSDAY

7:30 am	Session Chair Breakfast (Invitation Only), 7:30 am–8:30 am, Link Room	
	Speaker Ready Room, 7:30 am–10:30 am, Conductor Room	
	Registration, 7:30 am–12:00 pm, Depot Registration Office	
8:30 am	400 Plenary Session: From Native Skywatchers to ASTR 101...New Designs for Interdisciplinary, Multidisciplinary, and Transdisciplinary Engaged Learning Now, Annette S. Lee (St. Cloud State University) and Cahokia Mounds: America's First City, Bill Iseminger (Cahokia Mounds Historic Site), 8:30 am–9:20 am, Grand Ballroom DEF	
9:30 am	Exhibits, Student Pavilion, & Internet Café, 9:30 am–10:30 am, Midway West	
	AAS Closing Breakfast, 9:30 am–10:30 am, Midway West	
	Morning iPosters, 9:30 am–10:30 am, Pegram Room	
	Morning iPoster Plus, 9:30 am–10:30 am, Pegram Theater	
	401 iPoster Plus XI: (SPD), Magnetic Fields, 9:30 am–10:00 am	
10:40 am	Oral, Special Sessions, Division Meetings, and Meeting-in-a-Meetings, 10:40 am–12:10 pm	
	402 Solar Physics Division Meeting - Magnetic Fields, Grand Ballroom A	403 Gravitational Waves & Instrumentation: Space Missions, Grand Ballroom C
12:20 pm	404 Plenary Lecture: The Apollo Lunar Exploration Program: Scientific Impact and the Road Ahead, James Head (Brown University), 12:20 pm–1:10 pm, Grand Ballroom DEF	
1:10 pm	Lunch Break (Cash Lunch Sales 12:00 pm–1:00 pm) Ballroom Foyer	
2:30 pm	Field Trip to Cahokia Mounds State Historic Site, 2:30 pm–6:00 pm	