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Current time at conference location: 3:38 pm ET



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Block Schedule

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This is a preliminary schedule and subject to change.

Saturday, January 11, 2025	Sunday, January 12, 2025	Monday, January 13, 2025	Tuesday, January 14, 2025	Wednesday, January 15, 2025
Thursday, January 16, 2025				

Session Types Keys

Click on a session type below to filter the program

View All Session Types	Attendee Event	Exhibitor Theater	High Energy Astrophysics Division (HEAD)	Historical Astronomy Division (HAD) Meeting	iPoster
Oral	Plenary	Press Conferences	Session Chairs	Special Session	Splinters
Town Hall	Workshops				

Saturday, January 11, 2025

Sat., 8:00 AM

<p>Board of Trustees Meeting</p> <p>Attendee Event</p> <p>Gaylord National Resort & Convention Center Maryland Ballroom C</p> <p>8:00 AM ET - 6:00 PM ET</p>	<p>23rd Annual Symposium of the NSF Astronomy and Astrophysics Postdoctoral Fellows</p> <p>Splinters</p> <p>Gaylord National Resort & Convention Center Potomac 5-6</p> <p>8:00 AM ET - 7:00 PM ET</p>
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Sat., 8:45 AM

<p>The JWST Calibration Pipeline: A hands-on workshop</p> <p>Workshops</p> <p>Gaylord National Resort & Convention Center National Harbor 5</p> <p>8:45 AM ET - 5:15 PM ET</p>

Sat., 9:00 AM

The TESS Mission: How to access and use the data	Introductory Julia Programming	Day 1 Foundations of Astronomical Data Science	How to give great presentations: a scientist's guide to	LISA Data Analysis for All - Day 1	Exoplanet Exploration Program Analysis Group 31st
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Workshops	Workshops	Workshops	<u>effective communication</u>	Workshops	<u>Meeting</u>
Gaylord National Resort & Convention Center National Harbor 2	Gaylord National Resort & Convention Center National Harbor 3	Gaylord National Resort & Convention Center National Harbor 4	Workshops	Gaylord National Resort & Convention Center National Harbor 8	Splinters
9:00 AM ET - 5:00 PM ET	9:00 AM ET - 5:00 PM ET	9:00 AM ET - 5:00 PM ET	Gaylord National Resort & Convention Center National Harbor 6-7	9:00 AM ET - 4:00 PM ET	Gaylord National Resort & Convention Center National Harbor 12-13
			9:00 AM ET - 5:00 PM ET		9:00 AM ET - 5:30 PM ET

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Sunday, January 12, 2025

Sun., 8:00 AM

<u>Effective Project Management for Everyone: How to Get Things Done</u>	<u>Quiet Room</u>	<u>23rd Annual Symposium of the NSF Astronomy and Astrophysics Postdoctoral Fellows - Day 2</u>
Workshops	Attendee Event	Splinters
Gaylord National Resort & Convention Center Chesapeake D/E	Gaylord National Resort & Convention Center National Harbor 1	Gaylord National Resort & Convention Center Potomac 5-6
8:00 AM ET - 12:00 PM ET	8:00 AM ET - 6:00 PM ET	8:00 AM ET - 7:00 PM ET

Sun., 9:00 AM

<u>Python Data Analysis with the James Webb and Roman Space Telescopes</u>	<u>Increasing student learning and inclusion in your classroom: Strategies from the Faculty Teaching Institute</u>	<u>Proposal Writing Workshop: using NASA ROSES as an example</u>	<u>For Faculty and Department Leadership: Creating Cultures of Mentoring & Wellbeing</u>	<u>NASA's Physics of the Cosmos Program Analysis Group session</u>	<u>TIKE and TESS: Optimizing your scripts for the cloud</u>	<u>Advanced Julia Programming</u>
Workshops	Workshops	Workshops	Workshops	Splinters	Workshops	Workshops
Gaylord National Resort & Convention Center Chesapeake 4-5	Gaylord National Resort & Convention Center Chesapeake 7-8	Gaylord National Resort & Convention Center Chesapeake F	Gaylord National Resort & Convention Center Chesapeake G/H	Gaylord National Resort & Convention Center Maryland Ballroom B	Gaylord National Resort & Convention Center National Harbor 2	Gaylord National Resort & Convention Center National Harbor 3
9:00 AM ET - 5:00 PM ET	9:00 AM ET - 5:00 PM ET	9:00 AM ET - 4:00 PM ET	9:00 AM ET - 4:00 PM ET	9:00 AM ET - 4:00 PM ET	9:00 AM ET - 5:00 PM ET	9:00 AM ET - 5:00 PM ET
<u>Day 2 Foundations of Astronomical Data Science</u>	<u>Preparing for the Nancy Grace Roman Space Telescope: The New Cloud Science Platform</u>	<u>Python and Astropy for Astronomical Data Analysis</u>	<u>LISA Data Analysis for All - Day 2</u>	<u>STEM Learning and Public Engagement with NASA's Science Activation Program</u>	<u>Exoplanet Exploration Program Analysis Group 31st Meeting - Day 2</u>	<u>NASA's Cosmic Origins Program Analysis Group</u>
Workshops	Workshops	Workshops	Workshops	Workshops	Splinters	Splinters
Gaylord National Resort & Convention Center National Harbor 4	Gaylord National Resort & Convention Center National Harbor 5	Gaylord National Resort & Convention Center National Harbor 6-7	Gaylord National Resort & Convention Center National Harbor 8	Gaylord National Resort & Convention Center National Harbor 11	Gaylord National Resort & Convention Center National Harbor 12-13	Gaylord National Resort & Convention Center Potomac 3-4
9:00 AM ET - 5:00 PM ET	9:00 AM ET - 5:00 PM ET	9:00 AM ET - 5:30 PM ET	9:00 AM ET - 4:00 PM ET	9:00 AM ET - 12:00 PM ET	9:00 AM ET - 12:30 PM ET	9:00 AM ET - 4:00 PM ET

Sun., 10:00 AM

<u>Interactive visualization of astronomical images, catalogs, and spectra from Python using the Firefly Jupyterlab Extension</u>
Workshops
Gaylord National Resort & Convention Center Potomac 1-2
10:00 AM ET - 12:00 PM ET

Sun., 11:00 AM

<u>Student and Early Career Professional Development Workshop: How to Conference Successfully</u>
Workshops
Gaylord National Resort & Convention Center National Harbor 10
11:00 AM ET - 5:00 PM ET

Sun., 1:00 PM

<u>Effective Astronomy Visualizations for Engagement, Learning, and Research</u> Workshops	<u>Addressing light pollution on your campus: Introducing the Campus SHINE Initiative</u> Workshops	<u>Hands-on Hubble: How to Access, Align, Drizzle, and PSF Model Hubble Space Telescope Images</u> Workshops	<u>Strategies for Mentoring Undergraduate Researchers</u> Workshops	<u>Speaker Ready Room</u> Attendee Event	<u>AAS Registration</u> Attendee Event
Gaylord National Resort & Convention Center Chesapeake D/E	Gaylord National Resort & Convention Center Chesapeake J/K/L	Gaylord National Resort & Convention Center Maryland 1-2	Gaylord National Resort & Convention Center National Harbor 11	Gaylord National Resort & Convention Center National Harbor 14	Gaylord National Resort & Convention Center Pre Function Area
1:00 PM ET - 5:00 PM ET	1:00 PM ET - 5:30 PM ET	1:00 PM ET - 5:30 PM ET	1:00 PM ET - 4:00 PM ET	1:00 PM ET - 7:00 PM ET	1:00 PM ET - 8:00 PM ET

Sun., 2:00 PM

<u>HAD I: Contributed Oral Presentations</u> Historical Astronomy Division (HAD) Meeting	<u>Accessing worldwide data sets from Python</u> Workshops	<u>100 - HAD I: Contributed Oral Presentations</u> Oral
Gaylord National Resort & Convention Center Chesapeake A/B	Gaylord National Resort & Convention Center Potomac 1-2	Gaylord National Resort & Convention Center Chesapeake A/B
2:00 PM ET - 3:30 PM ET	2:00 PM ET - 4:00 PM ET	2:00 PM ET - 3:30 PM ET

Sun., 4:00 PM

<u>NASA's Joint Program Analysis Group</u>
Splinters
Gaylord National Resort & Convention Center Potomac 3-4
4:00 PM ET - 6:00 PM ET

Sun., 5:30 PM

<u>Working Group on the Preservation of Astronomical Heritage</u> Splinters	<u>Grad School & REU Fair</u> Attendee Event
Gaylord National Resort & Convention Center Chesapeake A/B	Gaylord National Resort & Convention Center Prince George's Exhibit Hall E
5:30 PM ET - 6:30 PM ET	5:30 PM ET - 7:00 PM ET

Sun., 7:00 PM

<u>Opening Reception</u> Attendee Event
Gaylord National Resort & Convention Center Prince George's Exhibit Hall CD
7:00 PM ET - 8:30 PM ET

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Monday, January 13, 2025

Mon., 7:00 AM

<u>Session Chair Breakfast (Invitation Only)</u>		
Session Chairs		
Gaylord National Resort & Convention Center		
Chesapeake 7-8		
7:00 AM ET - 8:00 AM ET		

Mon., 7:30 AM

<u>40+ E Lounge</u> Attendee Event	<u>Speaker Ready Room</u> Attendee Event	<u>AAS Registration</u> Attendee Event
Gaylord National Resort & Convention Center Chesapeake 3	Gaylord National Resort & Convention Center National Harbor 14	Gaylord National Resort & Convention Center Pre Function Area
7:30 AM ET - 6:00 PM ET	7:30 AM ET - 5:00 PM ET	7:30 AM ET - 6:00 PM ET

Mon., 8:00 AM

<u>Quiet Room</u> Attendee Event	<u>101 - Plenary Lecture: Welcome Address by AAS President, Dara Norman (NSF NOIRLab)</u> Plenary	
Gaylord National Resort & Convention Center National Harbor 1	Gaylord National Resort & Convention Center Potomac Ballroom AB	
8:00 AM ET - 6:00 PM ET	8:00 AM ET - 8:20 AM ET	

Mon., 8:20 AM

<u>102 - Fred Kavli Plenary Lecture: The Terrestrial Worlds of Low-Mass Stars, Dave Charbonneau (Harvard University)</u> Plenary		
Gaylord National Resort & Convention Center Potomac Ballroom AB		
8:20 AM ET - 9:10 AM ET		

Mon., 9:00 AM

<u>NASA's Astrophysics With Equity: Surmounting Obstacles to Membership Science Analysis Group (AWESOM SAG)</u> Splinters	<u>Astronomers Turned Data Scientists (ATDS 7)</u> Splinters	<u>AM Poster Session and Coffee Break</u> Attendee Event	<u>103 - The Solar System</u> iPoster	<u>104 - Star Clusters</u> iPoster	<u>105 - Solar and Heliospheric Physics Contributions</u> iPoster	<u>106 - AGN/Quasars I</u> iPoster
Gaylord National Resort & Convention Center Annapolis 1-2	Gaylord National Resort & Convention Center Annapolis 3-4	Gaylord National Resort & Convention Center Prince George's Exhibit Hall CD	Gaylord National Resort & Convention Center Prince George's Exhibit Hall CD	Gaylord National Resort & Convention Center Prince George's Exhibit Hall CD	Gaylord National Resort & Convention Center Prince George's Exhibit Hall CD	Gaylord National Resort & Convention Center Prince George's Exhibit Hall CD
9:00 AM ET - 10:30 AM ET	9:00 AM ET - 4:00 PM ET	9:00 AM ET - 10:00 AM ET	9:00 AM ET - 10:00 AM ET	9:00 AM ET - 10:00 AM ET	9:00 AM ET - 10:00 AM ET	9:00 AM ET - 10:00 AM ET
<u>107 - Supernovae I</u> iPoster	<u>108 - Models of Inclusive Astronomy</u> iPoster	<u>109 - Galactic and Stellar Dynamics</u> iPoster	<u>110 - Interstellar Medium</u> iPoster	<u>111 - Low and Intermediate-mass Pulsating Stars</u> iPoster	<u>112 - Photometric and Spectroscopic Software</u> iPoster	<u>113 - Simulations and Simulated Observations</u> iPoster
Gaylord National Resort & Convention Center Prince George's	Gaylord National Resort & Convention Center	Gaylord National Resort & Convention Center Prince George's	Gaylord National Resort & Convention Center Prince George's	Gaylord National Resort & Convention Center	Gaylord National Resort & Convention Center	Gaylord National Resort & Convention Center

Exhibit Hall CD	Prince George's Exhibit Hall CD	Exhibit Hall CD	Exhibit Hall CD	Convention Center	Prince George's Exhibit Hall CD	Prince George's Exhibit Hall CD
9:00 AM ET - 10:00 AM ET	9:00 AM ET - 10:00 AM ET	9:00 AM ET - 10:00 AM ET	9:00 AM ET - 10:00 AM ET	Prince George's Exhibit Hall CD	9:00 AM ET - 10:00 AM ET	9:00 AM ET - 10:00 AM ET
				9:00 AM ET - 10:00 AM ET		
115 - Reflections on the 2024 Eclipse				116 - Open Science		
iPoster				iPoster		
Gaylord National Resort & Convention Center Prince George's Exhibit Hall CD				Gaylord National Resort & Convention Center Prince George's Exhibit Hall CD		
9:00 AM ET - 10:00 AM ET				9:00 AM ET - 10:00 AM ET		

Mon., 9:30 AM

<u>What Should I do with my Life? Create Your Unicorn Career</u>	<u>Get Involved with PRIMA: NASA Probe Explorer's Far-IR Observatory Concept</u>
Splinters	Exhibitor Theater
Gaylord National Resort & Convention Center Baltimore 1-2	Gaylord National Resort & Convention Center Prince George's Pre-Function CD
9:30 AM ET - 10:30 AM ET	9:30 AM ET - 10:00 AM ET

Mon., 10:00 AM

<u>HAD II: Contributed Oral Presentations</u>	<u>Roman Spectroscopy Data Challenge (Part 1/3)</u>	<u>HEAD I - Gravitational Wave and Multi-messenger Astronomy</u>	<u>ExoCore: An open science curriculum for enhanced reproducibility and equity in exoplanet research</u>	<u>History Oral Interviews</u>	<u>117 - Extrasolar Planets: Transit I</u>	<u>118 - Surveys and Data Analysis across the Universe</u>
Historical Astronomy Division (HAD) Meeting	Splinters	High Energy Astrophysics Division (HEAD)	Splinters	Splinters	Oral	Oral
Gaylord National Resort & Convention Center Chesapeake A/B	Gaylord National Resort & Convention Center Chesapeake F	Gaylord National Resort & Convention Center Maryland 1-2	Gaylord National Resort & Convention Center National Harbor 8	Gaylord National Resort & Convention Center Mezzanine 4	Gaylord National Resort & Convention Center Potomac Ballroom C	Gaylord National Resort & Convention Center Potomac 1-2
10:00 AM ET - 11:30 AM ET	10:00 AM ET - 11:30 AM ET	10:00 AM ET - 11:30 AM ET	10:00 AM ET - 12:00 PM ET	10:00 AM ET - 5:00 PM ET	10:00 AM ET - 11:30 AM ET	10:00 AM ET - 11:30 AM ET
<u>119 - Exoplanet Emission Spectra and Phase Curves</u>	<u>120 - AI, ML, and Data Processing</u>	<u>122 - YSOs I</u>	<u>123 - AGN/Quasars I (Nearby Universe)</u>	<u>124 - Local Universe, CGM, ISM</u>	<u>125 - Galactic and Stellar Dynamics</u>	<u>126 - AGN/Quasars IX (Reverberation Mapping)</u>
Oral	Oral	Oral	Oral	Oral	Oral	Oral
Gaylord National Resort & Convention Center Potomac 3-4	Gaylord National Resort & Convention Center Potomac 5-6	Gaylord National Resort & Convention Center Maryland Ballroom D	Gaylord National Resort & Convention Center National Harbor 2	Gaylord National Resort & Convention Center National Harbor 3	Gaylord National Resort & Convention Center National Harbor 4	Gaylord National Resort & Convention Center National Harbor 5
10:00 AM ET - 11:30 AM ET	10:00 AM ET - 11:30 AM ET	10:00 AM ET - 11:30 AM ET	10:00 AM ET - 11:30 AM ET	10:00 AM ET - 11:30 AM ET	10:00 AM ET - 11:30 AM ET	10:00 AM ET - 11:30 AM ET
<u>127 - Supernovae I</u>	<u>128 - Early Science Results from XRISM</u>	<u>129 - Star Clusters I</u>	<u>130 - Surveys, Analysis, and Results I</u>	<u>131 - SPHEREx: the Upcoming All-sky Infrared Spectroscopic Survey</u>	<u>132 - HAD II: Contributed Oral Presentations</u>	<u>133 - Harnessing Artificial Intelligence for Advanced Statistical Inference in Astrophysics</u>
Oral	Special Session	Oral	Oral	Special Session	Oral	Special Session
Gaylord National Resort & Convention Center National Harbor 6-7	Gaylord National Resort & Convention Center National Harbor 10	Gaylord National Resort & Convention Center National Harbor 11	Gaylord National Resort & Convention Center National Harbor 12	Gaylord National Resort & Convention Center	Gaylord National Resort & Convention Center Chesapeake A/B	Gaylord National
		10:00 AM ET -				

10:00 AM ET - 11:30 AM ET	10:00 AM ET - 11:30 AM ET	11:30 AM ET	10:00 AM ET - 11:30 AM ET	Chesapeake 4-5 10:00 AM ET - 11:30 AM ET	10:00 AM ET - 11:30 AM ET	Resort & Convention Center Chesapeake G/H 10:00 AM ET - 11:30 AM ET
<u>134 - HEAD I - Gravitational Wave and Multi-messenger Astronomy</u> Special Session	<u>172 - Exoplanet Mass Loss and Space Weather</u> Oral	<u>173 - Tools for Teaching and Successful Models for Education</u> Oral		<u>174 - ISM I</u> Oral		
Gaylord National Resort & Convention Center Maryland 1-2	Gaylord National Resort & Convention Center National Harbor 13	Gaylord National Resort & Convention Center Chesapeake D/E		Gaylord National Resort & Convention Center Chesapeake J/K/L		
10:00 AM ET - 11:30 AM ET	10:00 AM ET - 11:30 AM ET	10:00 AM ET - 11:30 AM ET		10:00 AM ET - 11:30 AM ET		

Mon., 10:15 AM

<u>A Feast of Feasting Black Holes</u> Press Conferences
Gaylord National Resort & Convention Center Maryland 3-4
10:15 AM ET - 11:15 AM ET

Mon., 10:30 AM

<u>Improve Your Collaborative Experience Using Scientific Software</u> Exhibitor Theater
Gaylord National Resort & Convention Center Prince George's Exhibit Hall CD
10:30 AM ET - 11:00 AM ET

Mon., 11:00 AM

<u>25 Years of Chandra Science</u> Exhibitor Theater
Gaylord National Resort & Convention Center Prince George's Exhibit Hall CD
11:00 AM ET - 11:30 AM ET

Mon., 11:15 AM

<u>The Zwicky Transient Facility: Planning for LSST Year 1</u> Splinters
Gaylord National Resort & Convention Center Chesapeake C
11:15 AM ET - 12:45 PM ET

Mon., 11:40 AM

<u>135 - Plenary Lecture: Galaxy Evolution Eras Tour: The Formative Years of Star Formation and Supermassive Black Hole Growth, Alexandra Pope (University of Massachusetts Amherst)</u> Plenary
Gaylord National Resort & Convention Center Potomac Ballroom AB
11:40 AM ET - 12:30 PM ET

Mon., 12:30 PM

<u>Networking for Introverts Who are Also Nerds</u> Splinters	<u>New Data Driven Classroom Investigations from Rubin Observatory</u> Splinters
Gaylord National Resort & Convention Center Baltimore 1-2	Gaylord National Resort & Convention Center

12:30 PM ET - 1:30 PM ET	Chesapeake 7-8
	12:30 PM ET - 3:30 PM ET

Mon., 12:45 PM

<u>136 - NASA Town Hall</u> Town Hall	<u>137 - HAD Town Hall</u> Town Hall
Gaylord National Resort & Convention Center Potomac Ballroom AB	Gaylord National Resort & Convention Center Chesapeake A/B
12:45 PM ET - 1:45 PM ET	12:45 PM ET - 1:45 PM ET

Mon., 1:00 PM

<u>Beyond the Horizon: NASA Astrophysics Trivia Challenge</u> Splinters	<u>CSWA Hackathon - Take Action for Equity</u> Splinters	<u>Session on Inclusion and Mentoring Plans for Funding Agencies</u> Splinters	<u>Protecting Observatory Sites from the Growing Satellite Constellation Interference</u> Exhibitor Theater
Gaylord National Resort & Convention Center Annapolis 1-2	Gaylord National Resort & Convention Center Chesapeake 6	Gaylord National Resort & Convention Center National Harbor 15	Gaylord National Resort & Convention Center Prince George's Exhibit Hall CD
1:00 PM ET - 2:30 PM ET	1:00 PM ET - 3:15 PM ET	1:00 PM ET - 2:30 PM ET	1:00 PM ET - 1:30 PM ET

Mon., 2:00 PM

<u>121 - Cosmology I</u> Oral	<u>138 - Laboratory Astrophysics Division (LAD): Contributions to JWST Studies of Star Formation and the Interstellar Medium</u> Special Session	<u>139 - AGN/Quasars II (High-z)</u> Oral	<u>140 - AGN/Quasars X (Dual AGN/Machine-learning)</u> Oral	<u>141 - ISM II</u> Oral	<u>142 - YSOs II</u> Oral	<u>143 - Working Group for International Students and Researchers in Astronomy</u> Special Session
Gaylord National Resort & Convention Center Chesapeake A/B	Gaylord National Resort & Convention Center Potomac 1-2	Gaylord National Resort & Convention Center Potomac 3-4	Gaylord National Resort & Convention Center Potomac 5-6	Gaylord National Resort & Convention Center Maryland Ballroom B	Gaylord National Resort & Convention Center Maryland Ballroom D	Gaylord National Resort & Convention Center National Harbor 2
2:00 PM ET - 3:30 PM ET	2:00 PM ET - 3:30 PM ET	2:00 PM ET - 3:30 PM ET	2:00 PM ET - 3:30 PM ET	2:00 PM ET - 3:30 PM ET	2:00 PM ET - 3:30 PM ET	2:00 PM ET - 3:30 PM ET
<u>144 - Space Missions</u> Oral	<u>145 - Instrumentation: Ground Based or Airborne</u> Oral	<u>146 - Gravitational Waves and Multimessenger Astronomy I</u> Oral	<u>147 - Galaxies in Cosmological Simulations I</u> Oral	<u>148 - Theory of Exoplanet Atmosphere Retrievals</u> Oral	<u>149 - Exoplanet Transit Spectroscopy: Surveys</u> Oral	<u>150 - Surveys, Analysis, and Results II</u> Oral
Gaylord National Resort & Convention Center National Harbor 3	Gaylord National Resort & Convention Center National Harbor 4	Gaylord National Resort & Convention Center National Harbor 5	Gaylord National Resort & Convention Center National Harbor 6-7	Gaylord National Resort & Convention Center National Harbor 10	Gaylord National Resort & Convention Center National Harbor 11	Gaylord National Resort & Convention Center National Harbor 12
2:00 PM ET - 3:30 PM ET	2:00 PM ET - 3:30 PM ET	2:00 PM ET - 3:30 PM ET	2:00 PM ET - 3:30 PM ET	2:00 PM ET - 3:30 PM ET	2:00 PM ET - 3:30 PM ET	2:00 PM ET - 3:30 PM ET
<u>151 - The Advanced X-ray Imaging Satellite (AXIS), A Next Generation X-ray Satellite for the 2030s and beyond</u> Special Session	<u>153 - Recent Results in Astronomy Education Research</u> Special Session	<u>154 - Stellar Evolution and Populations I</u> Oral	<u>169 - Solar and Solar System Topics</u> Oral	<u>170 - Star formation across diverse environments, recurrent novae and magnetic CVs</u> Oral	<u>171 - Pulsars and Star Clusters III</u> Oral	<u>175 - Exoplanet Direct Imaging Observations</u> Oral
	Gaylord National	Gaylord National Resort & Convention Center	Gaylord National Resort & Convention Center		Gaylord National Resort & Convention Center Chesapeake J/K/L	Gaylord National Resort & Convention Center

Gaylord National Resort & Convention Center Chesapeake 4-5	Resort & Convention Center Chesapeake G/H	Maryland 1-2	National Harbor 13	Gaylord National Resort & Convention Center Chesapeake D/E	2:00 PM ET - 3:30 PM ET	Potomac Ballroom C
2:00 PM ET - 3:30 PM ET	2:00 PM ET - 3:30 PM ET	2:00 PM ET - 3:30 PM ET	2:00 PM ET - 3:30 PM ET	2:00 PM ET - 3:30 PM ET		2:00 PM ET - 3:30 PM ET

Mon., 2:15 PM

<p><u>Supernovae and Massive Stars</u></p> <p>Press Conferences</p> <p>Gaylord National Resort & Convention Center</p> <p>Maryland 3-4</p> <p>2:15 PM ET - 3:15 PM ET</p>						
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Mon., 2:30 PM

<p><u>Democratizing AI in Astronomy: the AAS WGAA ML challenge</u></p> <p>Splinters</p> <p>Gaylord National Resort & Convention Center</p> <p>Chesapeake C</p> <p>2:30 PM ET - 4:00 PM ET</p>						
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Mon., 3:00 PM

<p><u>The 2024 Women and Girls in Astronomy Program</u></p> <p>Exhibitor Theater</p> <p>Gaylord National Resort & Convention Center</p> <p>Prince George's Exhibit Hall CD</p> <p>3:00 PM ET - 3:30 PM ET</p>						
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Mon., 3:40 PM

<p><u>155 - Plenary Lecture: Punching Back Asteroids: The Deflection of Dimorphos by the DART Mission, Jason Kalirai (Johns Hopkins Applied Physics Laboratory)</u></p> <p>Plenary</p> <p>Gaylord National Resort & Convention Center</p> <p>Potomac Ballroom AB</p> <p>3:40 PM ET - 4:30 PM ET</p>						
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Mon., 4:40 PM

<p><u>156 - Plenary Lecture: Direct Observational Constraints on Planet Formation and Accretion, Kate Follette (Amherst College)</u></p> <p>Plenary</p> <p>Gaylord National Resort & Convention Center</p> <p>Potomac Ballroom AB</p> <p>4:40 PM ET - 5:30 PM ET</p>						
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Mon., 5:30 PM

<u>Evening Poster Session Refreshment Break</u>	<u>157 - Laboratory Astrophysics</u>	<u>158 - Surveys, Analysis, and Results</u>	<u>159 - Tapestry of surveys and techniques in big data astronomy</u>	<u>160 - Extrasolar Planets: Transit</u>	<u>161 - AGN/ Quasars II</u>	<u>162 - Supernovae II</u>
Attendee Event	iPoster	iPoster	iPoster	iPoster	iPoster	iPoster
Gaylord National Resort & Convention Center Prince George's Exhibit Hall CD	Gaylord National Resort & Convention Center Prince George's Exhibit Hall CD	Gaylord National Resort & Convention Center Prince George's Exhibit Hall CD	Gaylord National Resort & Convention Center Prince George's Exhibit Hall CD	Gaylord National Resort & Convention Center Prince George's Exhibit Hall CD	Gaylord National Resort & Convention Center Prince George's Exhibit Hall CD	Gaylord National Resort & Convention Center Prince George's Exhibit Hall CD
5:30 PM ET - 6:30 PM ET	5:30 PM ET - 6:30 PM ET	5:30 PM ET - 6:30 PM ET	5:30 PM ET - 6:30 PM ET	5:30 PM ET - 6:30 PM ET	5:30 PM ET - 6:30 PM ET	5:30 PM ET - 6:30 PM ET

PM ET			PM ET		
<u>163 - Stellar Atmospheres and Winds</u> iPoster	<u>164 - Extrasolar Planets: Formation and Protoplanetary Disks I</u> iPoster	<u>165 - Harnessing Artificial Intelligence for Advanced Statistical Inference in Astrophysics</u> iPoster	<u>166 - Supernova Remnants</u> iPoster	<u>167 - Astronomical Simulation Software</u> iPoster	<u>168 - Practice, Undergraduate Non-science</u> iPoster
Gaylord National Resort & Convention Center Prince George's Exhibit Hall CD	Gaylord National Resort & Convention Center Prince George's Exhibit Hall CD	Gaylord National Resort & Convention Center Prince George's Exhibit Hall CD	Gaylord National Resort & Convention Center Prince George's Exhibit Hall CD	Gaylord National Resort & Convention Center Prince George's Exhibit Hall CD	Gaylord National Resort & Convention Center Prince George's Pre-Function CD
5:30 PM ET - 6:30 PM ET	5:30 PM ET - 6:30 PM ET	5:30 PM ET - 6:30 PM ET	5:30 PM ET - 6:30 PM ET	5:30 PM ET - 6:30 PM ET	5:30 PM ET - 6:30 PM ET

Mon., 6:00 PM

The 100th Anniversary of Hubble Announcing the Discovery of the Universe

Splinters

Gaylord National Resort & Convention Center
Maryland Ballroom C

6:00 PM ET - 7:00 PM ET

Mon., 6:30 PM

<u>Reception for Astronomy Educators – open to all!</u> Splinters	<u>An Evening with the Maunakea Observatories</u> Splinters	<u>169 - National Radio Astronomy Observatory Town Hall</u> Town Hall
Gaylord National Resort & Convention Center Maryland Ballroom A	Gaylord National Resort & Convention Center Potomac Ballroom D	Gaylord National Resort & Convention Center Potomac Ballroom C
6:30 PM ET - 7:45 PM ET	6:30 PM ET - 8:00 PM ET	6:30 PM ET - 8:30 PM ET

Mon., 8:00 PM

Undergraduate Student Reception

Splinters

Gaylord National Resort & Convention Center
Maryland Ballroom A

8:00 PM ET - 9:30 PM ET

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Tuesday, January 14, 2025

Tue., 7:00 AM

Session Chair Breakfast (Invitation Only)

Session Chairs

Gaylord National Resort & Convention Center
Chesapeake 7-8

7:00 AM ET - 8:00 AM ET

Tue., 7:30 AM

<u>40+ E Lounge</u> Attendee Event	<u>Speaker Ready Room</u> Attendee Event	<u>AAS Registration</u> Attendee Event
Gaylord National Resort & Convention Center Chesapeake 3	Gaylord National Resort & Convention Center National Harbor 14	Gaylord National Resort & Convention Center Pre Function Area
7:30 AM ET - 6:00 PM ET	7:30 AM ET - 5:00 PM ET	7:30 AM ET - 6:00 PM ET

Tue., 8:00 AM

<u>Quiet Room</u> Attendee Event	<u>200 - Plenary Lecture: From the Smallest Things to the Greatest Results — The Incredible Power of the Chandra X-ray</u>
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Gaylord National Resort & Convention Center National Harbor 1	<u>Observatory, Dave Pooley (Trinity University and Eureka Scientific, Inc.)</u>
8:00 AM ET - 6:00 PM ET	Plenary
	Gaylord National Resort & Convention Center Potomac Ballroom AB
	8:00 AM ET - 9:00 AM ET

Tue., 9:00 AM

<u>Project Infrastructure Teams for the Roman Space Telescope</u> Splinters	<u>AM Poster Session and Coffee Break</u> Attendee Event	<u>The Polstar FUV Spectropolarimetry Mission</u> Exhibitor Theater	<u>201 - Instrumentation: Space Missions</u> iPoster	<u>202 - Molecular Clouds, HII Regions, ISM</u> iPoster	<u>203 - HST and JWST</u> iPoster	<u>204 - AGN/ Quasars III</u> iPoster
Gaylord National Resort & Convention Center Annapolis 3-4	Gaylord National Resort & Convention Center Prince George's Exhibit Hall CD	Gaylord National Resort & Convention Center Prince George's Exhibit Hall CD	Gaylord National Resort & Convention Center Prince George's Exhibit Hall CD	Gaylord National Resort & Convention Center Prince George's Exhibit Hall CD	Gaylord National Resort & Convention Center Prince George's Exhibit Hall CD	Gaylord National Resort & Convention Center Prince George's Exhibit Hall CD
9:00 AM ET - 12:00 PM ET	9:00 AM ET - 10:00 AM ET	9:00 AM ET - 9:30 AM ET	9:00 AM ET - 10:00 AM ET	9:00 AM ET - 10:00 AM ET	9:00 AM ET - 10:00 AM ET	9:00 AM ET - 10:00 AM ET

<u>205 - Education Research</u> iPoster	<u>206 - New perspectives on protoplanetary disks in the era of JWST and the ALMA Wideband Sensitivity Upgrade</u> iPoster	<u>207 - Extrasolar Planets: Populations</u> iPoster	<u>208 - Developments in New and Existing Observing Facilities</u> iPoster	<u>209 - Space-Based Far-Infrared Science for the 2030s</u> iPoster	<u>210 - Cataclysmic Variables</u> iPoster
Gaylord National Resort & Convention Center Prince George's Exhibit Hall CD	Gaylord National Resort & Convention Center Prince George's Exhibit Hall CD	Gaylord National Resort & Convention Center Prince George's Exhibit Hall CD	Gaylord National Resort & Convention Center Prince George's Exhibit Hall CD	Gaylord National Resort & Convention Center Prince George's Exhibit Hall CD	Gaylord National Resort & Convention Center Prince George's Exhibit Hall CD
9:00 AM ET - 10:00 AM ET	9:00 AM ET - 10:00 AM ET	9:00 AM ET - 10:00 AM ET	9:00 AM ET - 10:00 AM ET	9:00 AM ET - 10:00 AM ET	9:00 AM ET - 10:00 AM ET

Tue., 9:30 AM

<u>How to Apply for Jobs</u> Splinters	<u>Protecting our Skies and our Careers: Engaging Environment and Conservation Organizations</u> Exhibitor Theater
Gaylord National Resort & Convention Center Baltimore 1-2	Gaylord National Resort & Convention Center Prince George's Exhibit Hall CD
9:30 AM ET - 10:30 AM ET	9:30 AM ET - 10:00 AM ET

Tue., 10:00 AM

<u>Astrophysics Technology Development Success Cases</u> Splinters	<u>HAD III: Contributed Oral Presentations</u> Historical Astronomy Division (HAD) Meeting	<u>Advancing the Roman Coronagraph Instrument to Flight: Project Status and Coronagraph Community Participation</u> Splinters	<u>The missing link of galaxy growth: direct measurements of the clouds and gas within, surrounding, and between galaxies.</u> Splinters	<u>The Lunar Frontier: Advancing Interferometry and Multi-Messenger Astrophysics</u> Splinters	<u>HEAD II - Quasi-periodic Signals from the Nuclei of External Galaxies: Observations, Theory, and Multi-messenger Prospects</u> High Energy Astrophysics Division (HEAD)	<u>History Oral Interviews</u> Splinters
Gaylord National Resort & Convention Center Annapolis 1-2	Gaylord National Resort & Convention Center Chesapeake A/B	Gaylord National Resort & Convention Center Program Activities	Gaylord National Resort & Convention Center	Gaylord National Resort & Convention Center	Gaylord National Resort & Convention Center Mezzanine 4	Gaylord National Resort & Convention Center Mezzanine 4
10:00 AM ET - 11:30 AM ET					10:00 AM ET - 5:00 PM ET	10:00 AM ET - 5:00 PM ET

	10:00 AM ET - 11:30 AM ET	Gaylord National Resort & Convention Center Chesapeake C	Gaylord National Resort & Convention Center Chesapeake F	Maryland Ballroom D	Gaylord National Resort & Convention Center Maryland 1-2	
		10:00 AM ET - 12:00 PM ET	10:00 AM ET - 3:00 PM ET	10:00 AM ET - 3:30 PM ET	10:00 AM ET - 11:30 AM ET	
211 - Stellar Evolution and Populations II Oral	212 - DESI Year One Science Special Session	213 - Physical of Exoplanet Clouds Oral	214 - Extrasolar Planets: Populations I Oral	215 - Exoplanet Transit Spectroscopy: Low-Mass Planets Oral	216 - Enabling Space-Based Far-Infrared Science in the 2030s with the PProbe far-Infrared Mission (PRIMA) Special Session	217 - Simulations and Simulated Observations Oral
Gaylord National Resort & Convention Center Potomac Ballroom C	Gaylord National Resort & Convention Center Potomac 1-2	Gaylord National Resort & Convention Center Potomac 3-4	Gaylord National Resort & Convention Center Potomac 5-6	Gaylord National Resort & Convention Center Maryland Ballroom B	Gaylord National Resort & Convention Center National Harbor 2	Gaylord National Resort & Convention Center National Harbor 3
10:00 AM ET - 11:30 AM ET	10:00 AM ET - 11:30 AM ET	10:00 AM ET - 11:30 AM ET	10:00 AM ET - 11:30 AM ET	10:00 AM ET - 11:30 AM ET	10:00 AM ET - 11:30 AM ET	10:00 AM ET - 11:30 AM ET
218 - Policy and the Astronomical Sciences in 2025 Special Session	219 - Analysis Techniques for Neutron Stars Oral	220 - Supernovae II Oral	221 - AGN/Quasars III (Variability) Oral	222 - Star Clusters II Oral	223 - Surveys, Analysis, and Results III Oral	224 - New perspectives on protoplanetary disks in the era of JWST and the ALMA Wideband Sensitivity Upgrade Special Session
Gaylord National Resort & Convention Center National Harbor 4	Gaylord National Resort & Convention Center National Harbor 5	Gaylord National Resort & Convention Center National Harbor 6-7	Gaylord National Resort & Convention Center National Harbor 10	Gaylord National Resort & Convention Center National Harbor 11	Gaylord National Resort & Convention Center National Harbor 12	Gaylord National Resort & Convention Center Chesapeake 4-5
10:00 AM ET - 11:30 AM ET	10:00 AM ET - 11:30 AM ET	10:00 AM ET - 11:30 AM ET	10:00 AM ET - 11:30 AM ET	10:00 AM ET - 11:30 AM ET	10:00 AM ET - 11:30 AM ET	10:00 AM ET - 11:30 AM ET
225 - HAD III: Contributed Oral Presentations Oral	226 - CSMA Presents Astronomy's Poverty Problem - Survey Results Special Session	227 - HEAD II - Quasi-periodic Signals from the Nuclei of External Galaxies: Observations, Theory, and Multi-messenger Prospects Special Session	226 - Gamma-Ray and Radio Analysis Software, Strong and Weak Gravitational Lensing Oral	227 - Astronomy Outreach: Successes and Resources Oral	228 - Circumstellar Disks I Oral	
Gaylord National Resort & Convention Center Chesapeake A/B	Gaylord National Resort & Convention Center Chesapeake G/H	Gaylord National Resort & Convention Center Maryland 1-2	Gaylord National Resort & Convention Center National Harbor 13	Gaylord National Resort & Convention Center Chesapeake D/E	Gaylord National Resort & Convention Center Chesapeake J/K/L	
10:00 AM ET - 11:30 AM ET	10:00 AM ET - 11:30 AM ET	10:00 AM ET - 11:30 AM ET	10:00 AM ET - 11:30 AM ET	10:00 AM ET - 11:30 AM ET	10:00 AM ET - 11:30 AM ET	

Tue., 10:15 AM

Black Holes & New Outcomes from the Sloan Digital Sky Survey

Press Conferences

Gaylord National Resort & Convention Center

Maryland 3-4		
10:15 AM ET - 11:15 AM ET		
Tue., 10:30 AM		
<u>Deepening Broader Impacts: Mentorship, DEI, and Career Advancement</u>		
Splinters		
Gaylord National Resort & Convention Center		
Chesapeake 7-8		
10:30 AM ET - 12:00 PM ET		
Tue., 11:00 AM		
<u>The US Naval Observatory – A Year in Review, and the Year Ahead</u>		
Exhibitor Theater		
Gaylord National Resort & Convention Center		
Prince George's Exhibit Hall CD		
11:00 AM ET - 11:30 AM ET		
Tue., 11:40 AM		
<u>228 - Henry Norris Russell Lectureship: The Cosmic Triangle: Probing the Dark Side of the Universe, Neta A. Bahcall (Princeton University)</u>		
Plenary		
Gaylord National Resort & Convention Center		
Potomac Ballroom AB		
11:40 AM ET - 12:30 PM ET		
Tue., 12:30 PM		
<u>How to Interview to Get the Job</u>		
Splinters		
Gaylord National Resort & Convention Center		
Baltimore 1-2		
12:30 PM ET - 1:30 PM ET		
Tue., 12:45 PM		
<u>229 - NSF Town Hall</u>	<u>230 - Rubin Observatory Town Hall</u>	<u>231 - STScI Town Hall</u>
Town Hall	Town Hall	Town Hall
Gaylord National Resort & Convention Center	Gaylord National Resort & Convention Center	Gaylord National Resort & Convention Center
Potomac Ballroom AB	National Harbor 2	National Harbor 4
12:45 PM ET - 1:45 PM ET	12:45 PM ET - 1:45 PM ET	12:45 PM ET - 1:45 PM ET
Tue., 1:00 PM		
<u>Dark Energy Survey Results and Methods with Applications to Other Surveys</u>		
Splinters		
Gaylord National Resort & Convention Center		
Chesapeake C		
1:00 PM ET - 3:00 PM ET		
Tue., 1:30 PM		
<u>The Astronomical Observatories of the Canary Islands</u>		
Exhibitor Theater		
Gaylord National Resort & Convention Center		
Prince George's Exhibit Hall CD		
1:30 PM ET - 2:00 PM ET		
Tue., 2:00 PM		
<u>NASA's Infrared Science and</u>	<u>Beyond Academe: Exploring</u>	<u>Time domain and multi-messenger</u>
<u>The next-generation VLA:</u>	<u>A Panchromatic Vision for the</u>	<u>232 - Extrasolar Planets: Transit II</u>
<u>233 - Stellar Evolution and</u>		

<u>Technology Interest Group Splinters</u>	<u>Astronomy-powered Career Paths Splinters</u>	<u>astrophysics with neutrinos Splinters</u>	<u>Update and Community Forum Splinters</u>	<u>Submillimeter Array Exhibitor Theater</u>	Oral	<u>Populations III Oral</u>
Gaylord National Resort & Convention Center Annapolis 1-2 2:00 PM ET - 3:30 PM ET	Gaylord National Resort & Convention Center Annapolis 3-4 2:00 PM ET - 3:30 PM ET	Gaylord National Resort & Convention Center Chesapeake A/B 2:00 PM ET - 4:00 PM ET	Gaylord National Resort & Convention Center Maryland Ballroom B 2:00 PM ET - 3:30 PM ET	Gaylord National Resort & Convention Center Prince George's Exhibit Hall CD 2:00 PM ET - 2:30 PM ET	Gaylord National Resort & Convention Center Potomac Ballroom C 2:00 PM ET - 3:30 PM ET	Gaylord National Resort & Convention Center Potomac 1-2 2:00 PM ET - 3:30 PM ET
<u>234 - Exoplanet Space Missions Oral</u>	<u>235 - Extrasolar Planets: Populations II Oral</u>	<u>236 - Direct Imaging of Black Holes and their jets: Recent Results and Future Prospects Special Session</u>	<u>237 - Stars, Cool Dwarfs, Brown Dwarfs I Oral</u>	<u>238 - Dark and Quiet Skies: Recent Developments, Environmental Impacts, and Pathways Forward Special Session</u>	<u>239 - AGN/ Quasars IV (Quasars and Black Holes) Oral</u>	<u>240 - Galaxies in Cosmological Simulations II Oral</u>
Gaylord National Resort & Convention Center Potomac 3-4 2:00 PM ET - 3:30 PM ET	Gaylord National Resort & Convention Center Potomac 5-6 2:00 PM ET - 3:30 PM ET	Gaylord National Resort & Convention Center National Harbor 2 2:00 PM ET - 3:30 PM ET	Gaylord National Resort & Convention Center National Harbor 3 2:00 PM ET - 3:30 PM ET	Gaylord National Resort & Convention Center National Harbor 4 2:00 PM ET - 3:30 PM ET	Gaylord National Resort & Convention Center National Harbor 5 2:00 PM ET - 3:30 PM ET	Gaylord National Resort & Convention Center National Harbor 6-7 2:00 PM ET - 3:30 PM ET
<u>241 - The Euclid Mission: First Results and Opportunities for Archival Research Special Session</u>	<u>242 - Cosmology II Oral</u>	<u>243 - Surveys, Analysis, and Results IV Oral</u>	<u>244 - The TEAM-UP Report: A Five-Year Retrospective for the Astronomy Community Special Session</u>	<u>245 - Celebrating Bridge and Support Programs for Astronomy and Astrophysics Students Special Session</u>	<u>246 - Inclusion & Engagement in Astronomy Across the World Oral</u>	<u>263 - Space Missions II Oral</u>
Gaylord National Resort & Convention Center National Harbor 10 2:00 PM ET - 3:30 PM ET	Gaylord National Resort & Convention Center National Harbor 11 2:00 PM ET - 3:30 PM ET	Gaylord National Resort & Convention Center National Harbor 12 2:00 PM ET - 3:30 PM ET	Gaylord National Resort & Convention Center Chesapeake 4-5 2:00 PM ET - 3:30 PM ET	Gaylord National Resort & Convention Center Chesapeake G/H 2:00 PM ET - 3:30 PM ET	Gaylord National Resort & Convention Center Maryland 1-2 2:00 PM ET - 3:30 PM ET	Gaylord National Resort & Convention Center National Harbor 13 2:00 PM ET - 3:30 PM ET
<u>264 - Supporting the Profession and Community Updates Oral</u>			<u>265 - Exoplanet Direct Imaging Techniques Oral</u>			
Gaylord National Resort & Convention Center Chesapeake D/E 2:00 PM ET - 3:30 PM ET			Gaylord National Resort & Convention Center Chesapeake J/K/L 2:00 PM ET - 3:30 PM ET			

Tue., 2:15 PM

<u>New Information from Milky Way Highlights</u>	
Press Conferences	
Gaylord National Resort & Convention Center Maryland 3-4	
2:15 PM ET - 3:15 PM ET	

Tue., 2:30 PM

<u>Data Stories, Data Tools, and Data Labs for Learning from the Center for Astrophysics</u>	
Exhibitor Theater	

Gaylord National Resort & Convention Center Prince George's Exhibit Hall CD
2:30 PM ET - 3:00 PM ET

Tue., 3:30 PM

<u>Beyond Academe Roundtable Discussions</u> Splinters
Gaylord National Resort & Convention Center Prince George's Exhibit Hall CD
3:30 PM ET - 4:30 PM ET

Tue., 3:40 PM

247 - Plenary Lecture: A Detector Backstory: How Silicon Detectors Came to Enable Space Missions, Shouleh Nikzad (Jet Propulsion Laboratory) Plenary
Gaylord National Resort & Convention Center Potomac Ballroom AB
3:40 PM ET - 4:30 PM ET

Tue., 4:00 PM

<u>NASA Postdoctoral Program Meet and Greet</u> Splinters
Gaylord National Resort & Convention Center Chesapeake 7-8
4:00 PM ET - 5:00 PM ET

Tue., 4:40 PM

248 - Annie Jump Cannon Prize Lecture: The Icy Origins of Planetary Systems, Jenny Bergner (University of California, Berkeley) Plenary
Gaylord National Resort & Convention Center Potomac Ballroom AB
4:40 PM ET - 5:30 PM ET

Tue., 5:30 PM

<u>Evening Poster Session Refreshment Break</u> Attendee Event	HAD IV: <u>Contributed iPoster Presentations</u> Historical Astronomy Division (HAD) Meeting	<u>249 - Multiple Star Systems I</u> iPoster	<u>250 - Cosmology</u> iPoster	<u>251 - Dwarf and Irregular Galaxies</u> iPoster	<u>252 - AGN/Quasars IV</u> iPoster	<u>253 - JWST and High z Galaxies</u> iPoster
Gaylord National Resort & Convention Center Prince George's Exhibit Hall CD 5:30 PM ET - 6:30 PM ET	Gaylord National Resort & Convention Center Prince George's Exhibit Hall CD 5:30 PM ET - 6:30 PM ET	Gaylord National Resort & Convention Center Prince George's Exhibit Hall CD 5:30 PM ET - 6:30 PM ET	Gaylord National Resort & Convention Center Prince George's Exhibit Hall CD 5:30 PM ET - 6:30 PM ET	Gaylord National Resort & Convention Center Prince George's Exhibit Hall CD 5:30 PM ET - 6:30 PM ET	Gaylord National Resort & Convention Center Prince George's Exhibit Hall CD 5:30 PM ET - 6:30 PM ET	Gaylord National Resort & Convention Center Prince George's Exhibit Hall CD 5:30 PM ET - 6:30 PM ET
<u>254 - Circumstellar Disks - iPosters</u> iPoster	<u>255 - Dark and Quiet Skies: Recent Developments, Environmental Impacts, and Pathways Forward</u>	<u>256 - Direct Imaging of Black Holes and their jets: Recent Results and Future Prospects</u> iPoster	<u>257 - White Dwarfs</u> iPoster	<u>258 - Elliptical Galaxies</u> iPoster	<u>259 - Image Analysis</u> iPoster	<u>260 - X-ray Astronomy Software</u> iPoster
Gaylord National Resort & Convention Center	Gaylord National Resort & Convention Center	Gaylord National Resort & Convention Center	Gaylord National Resort & Convention Center Prince George's	Gaylord National Resort & Convention Center Prince George's	Gaylord National Resort & Convention Center Prince George's	Gaylord National Resort & Convention Center

Prince George's Exhibit Hall CD	iPoster	Gaylord National Resort & Convention Center	Exhibit Hall CD	Exhibit Hall CD	Exhibit Hall CD	Prince George's Exhibit Hall CD
5:30 PM ET - 6:30 PM ET	Gaylord National Resort & Convention Center Prince George's Exhibit Hall CD	Prince George's Exhibit Hall CD	5:30 PM ET - 6:30 PM ET	5:30 PM ET - 6:30 PM ET	5:30 PM ET - 6:30 PM ET	5:30 PM ET - 6:30 PM ET
	5:30 PM ET - 6:30 PM ET	5:30 PM ET - 6:30 PM ET				

<u>261 - Practice Upper Level Undergraduate and Other Topics</u>	<u>270 - HAD IV: Contributed iPoster Presentations</u>	<u>271 - Celebrating Bridge and Support Programs for Astronomy and Astrophysics Students</u>
iPoster	iPoster	iPoster
Gaylord National Resort & Convention Center Prince George's Exhibit Hall CD	Gaylord National Resort & Convention Center Prince George's Exhibit Hall CD	Gaylord National Resort & Convention Center Prince George's Exhibit Hall CD
5:30 PM ET - 6:30 PM ET	5:30 PM ET - 6:30 PM ET	5:30 PM ET - 6:30 PM ET

Tue., 6:00 PM

<u>COMPASSE Meet & Greet</u>	<u>NASA's Roman Technology Fellowship Program</u>
Splinters	Splinters
Gaylord National Resort & Convention Center Chesapeake 6	Gaylord National Resort & Convention Center Maryland Ballroom C
6:00 PM ET - 8:00 PM ET	6:00 PM ET - 7:30 PM ET

Tue., 6:30 PM

<u>Exploring Partnerships with the Canada-France-Hawai'i Telescope</u>	<u>AAS Agents/Chairs Appreciation Reception</u>	<u>40+E, Fellows, and Friends Reception</u>	<u>262 - Nancy Grace Roman Space Telescope Town Hall</u>
Splinters	Splinters	Splinters	Town Hall
Gaylord National Resort & Convention Center Chesapeake F	Gaylord National Resort & Convention Center National Harbor 8	Gaylord National Resort & Convention Center Potomac Ballroom D	Gaylord National Resort & Convention Center National Harbor 11
6:30 PM ET - 8:00 PM ET	6:30 PM ET - 7:30 PM ET	6:30 PM ET - 7:30 PM ET	6:30 PM ET - 8:00 PM ET

Tue., 7:00 PM

<u>SGMA Meet and Greet for LGBTQIA+ Members and Students</u>	<u>HEAD Social and Business Meeting</u>
Splinters	Splinters
Gaylord National Resort & Convention Center Maryland Ballroom A	Gaylord National Resort & Convention Center Maryland 1-2
7:00 PM ET - 8:30 PM ET	7:00 PM ET - 9:00 PM ET

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Wednesday, January 15, 2025

Wed., 7:00 AM

<u>Session Chair Breakfast (Invitation Only)</u>
Session Chairs
Gaylord National Resort & Convention Center Chesapeake 7-8
7:00 AM ET - 8:00 AM ET

Wed., 7:30 AM

<u>40+ E Lounge</u>	<u>Speaker Ready Room</u>	<u>AAS Registration</u>
Attendee Event	Attendee Event	Attendee Event
Gaylord National Resort & Convention Center Chesapeake 3	Gaylord National Resort & Convention Center National Harbor 14	Gaylord National Resort & Convention Center Pre Function Area

7:30 AM ET - 6:00 PM ET	7:30 AM ET - 5:00 PM ET	7:30 AM ET - 5:00 PM ET
Wed., 8:00 AM		
<u>Quiet Room</u> Attendee Event	<u>300 - HEAD Bruno Rossi Prize Lecture: Martin Weisskopf (NASA Marshall Space Flight Center) and Paolo Soffitta (INAF-IAPS)</u> Plenary	
Gaylord National Resort & Convention Center National Harbor 1	Gaylord National Resort & Convention Center Potomac Ballroom AB	
8:00 AM ET - 6:00 PM ET	8:00 AM ET - 9:00 AM ET	

Wed., 9:00 AM						
<u>AM Poster Session and Coffee Break</u> Attendee Event	<u>301 - Strong and Weak Gravitational Lensing</u> iPoster	<u>302 - Instrumentation: Ground Based or Airborne</u> iPoster	<u>303 - Gravitational Waves and Multi-messenger Astronomy</u> iPoster	<u>304 - Public Outreach</u> iPoster	<u>305 - Habitable Worlds Observatory and Roman Space Telescope</u> iPoster	<u>306 - Theory of Exoplanet Atmospheres</u> iPoster
Gaylord National Resort & Convention Center Prince George's Exhibit Hall CD	Gaylord National Resort & Convention Center Prince George's Exhibit Hall CD	Gaylord National Resort & Convention Center Prince George's Exhibit Hall CD	Gaylord National Resort & Convention Center Prince George's Exhibit Hall CD	Gaylord National Resort & Convention Center Prince George's Exhibit Hall CD	Gaylord National Resort & Convention Center Prince George's Exhibit Hall CD	Gaylord National Resort & Convention Center Prince George's Exhibit Hall CD
9:00 AM ET - 10:00 AM ET	9:00 AM ET - 10:00 AM ET	9:00 AM ET - 10:00 AM ET	9:00 AM ET - 10:00 AM ET	9:00 AM ET - 10:00 AM ET	9:00 AM ET - 10:00 AM ET	9:00 AM ET - 10:00 AM ET

<u>307 - Dust</u> iPoster	<u>308 - Hot Cores, Protostars and YSOs</u> iPoster	<u>309 - Asteroseismology</u> iPoster	<u>310 - Detection and Characterization of Quasar Absorption Lines</u> iPoster	<u>311 - Galaxies in Cosmological Simulations</u> iPoster
Gaylord National Resort & Convention Center Prince George's Exhibit Hall CD	Gaylord National Resort & Convention Center Prince George's Exhibit Hall CD	Gaylord National Resort & Convention Center Prince George's Exhibit Hall CD	Gaylord National Resort & Convention Center Prince George's Exhibit Hall CD	Gaylord National Resort & Convention Center Prince George's Exhibit Hall CD
9:00 AM ET - 10:00 AM ET	9:00 AM ET - 10:00 AM ET	9:00 AM ET - 10:00 AM ET	9:00 AM ET - 10:00 AM ET	9:00 AM ET - 10:00 AM ET

Wed., 9:30 AM	
<u>Negotiation for Nerds: How to Evaluate a Job Offer and Self-Advocate</u> Splinters	<u>Exploring the radio sky with the DSA-2000 and the ngVLA</u> Splinters
Gaylord National Resort & Convention Center Baltimore 1-2	Gaylord National Resort & Convention Center Chesapeake 4-5
9:30 AM ET - 10:30 AM ET	9:30 AM ET - 11:00 AM ET

Wed., 10:00 AM						
<u>Maximizing Science with Roman-Rubin Data Synergies</u> Splinters	<u>History Oral Interviews</u> Splinters	<u>312 - NASA's Habitable Worlds Observatory</u> Special Session	<u>313 - Emission and Absorption in the Circumgalactic Medium</u> Oral	<u>314 - Theory of Exoplanet Atmospheres</u> Oral	<u>315 - Extrasolar Planets: Populations III</u> Oral	<u>316 - Exoplanet Transit Spectroscopy and Imaging: Giant Planets</u> Oral
Gaylord National Resort & Convention Center Annapolis 1-2	Gaylord National Resort & Convention Center Mezzanine 4	Gaylord National Resort & Convention Center Potomac Ballroom C	Gaylord National Resort & Convention Center Potomac 1-2	Gaylord National Resort & Convention Center Potomac 3-4	Gaylord National Resort & Convention Center Potomac 5-6	Gaylord National Resort & Convention Center Maryland Ballroom B
10:00 AM ET - 11:30 AM ET	10:00 AM ET - 5:00 PM ET	10:00 AM ET - 11:30 AM ET	10:00 AM ET - 11:30 AM ET	10:00 AM ET - 11:30 AM ET	10:00 AM ET - 11:30 AM ET	10:00 AM ET - 11:30 AM ET
<u>317 - ISM III</u>	<u>318 - Making</u>	<u>319 - Stars, Cool</u>	<u>320 - Black Holes I</u>	<u>321 -</u>	<u>322 - Supernova</u>	<u>323 - Transients</u>

Oral	<u>Astronomy Accessible to the Public</u> Oral	<u>Dwarfs, Brown Dwarfs II</u> Oral	Oral	<u>Multiwavelength Studies of Neutron Stars</u> Oral	<u>Remnants & Planetary Nebulae</u> Oral	<u>and Time-Domain Astronomy I</u> Oral
Gaylord National Resort & Convention Center Maryland Ballroom D	Gaylord National Resort & Convention Center National Harbor 2	Gaylord National Resort & Convention Center National Harbor 3	Gaylord National Resort & Convention Center National Harbor 4	Gaylord National Resort & Convention Center National Harbor 5	Gaylord National Resort & Convention Center National Harbor 6-7	Gaylord National Resort & Convention Center National Harbor 10
10:00 AM ET - 11:30 AM ET	10:00 AM ET - 11:30 AM ET	10:00 AM ET - 11:30 AM ET	10:00 AM ET - 11:30 AM ET	10:00 AM ET - 11:30 AM ET	10:00 AM ET - 11:30 AM ET	10:00 AM ET - 11:30 AM ET
<u>324 - AGN/Quasars V (Blazars)</u> Oral	<u>325 - Gravitational Waves and Multimessenger Astronomy II</u> Oral	<u>326 - Ethics Working Group Listening Session</u> Special Session	<u>327 - Dust</u> Oral	<u>328 - The Rocky Worlds DDT Program: a search for atmospheres on rocky exoplanets around M-dwarfs</u> Special Session	<u>329 - Starburst, Elliptical and Spiral Galaxies</u> Oral	<u>368 - Dwarf and Irregular Galaxies</u> Oral
Gaylord National Resort & Convention Center National Harbor 11	Gaylord National Resort & Convention Center National Harbor 12	Gaylord National Resort & Convention Center National Harbor 15	Gaylord National Resort & Convention Center Chesapeake A/B	Gaylord National Resort & Convention Center Chesapeake G/H	Gaylord National Resort & Convention Center Maryland 1-2	Gaylord National Resort & Convention Center National Harbor 13
10:00 AM ET - 11:30 AM ET	10:00 AM ET - 11:30 AM ET	10:00 AM ET - 11:30 AM ET	10:00 AM ET - 11:30 AM ET	10:00 AM ET - 11:30 AM ET	10:00 AM ET - 11:30 AM ET	10:00 AM ET - 11:30 AM ET
<u>369 - Large Scale Structure, Cosmic Distance Scale</u> Oral			<u>370 - Circumstellar Disks II</u> Oral			
Gaylord National Resort & Convention Center Chesapeake D/E			Gaylord National Resort & Convention Center Chesapeake J/K/L			
10:00 AM ET - 11:30 AM ET			10:00 AM ET - 11:30 AM ET			

Wed., 10:15 AM

Discovering the Universe Beyond Our Galaxy

Press Conferences

Gaylord National Resort & Convention Center
Maryland 3-4

10:15 AM ET - 11:15 AM ET

Wed., 10:30 AM

Using Astronomy Meetings to Impact Society

Exhibitor Theater

Gaylord National Resort & Convention Center
Prince George's Exhibit Hall CD

10:30 AM ET - 11:00 AM ET

Wed., 11:00 AM

The Rubin Observatory and Supermassive Black Holes: A New Era of Discovery - Day 1

Splinters

Gaylord National Resort & Convention Center
Annapolis 3-4

11:00 AM ET - 1:15 PM ET

Wed., 11:30 AM

The DSA-2000: Transforming access to the radio sky

Exhibitor Theater

Gaylord National Resort & Convention Center Prince George's Exhibit Hall CD
11:30 AM ET - 12:00 PM ET

Wed., 11:40 AM

<u>331 - Plenary Lecture: Are We Alone? The Search for Life on Habitable Worlds, Giada Arney (NASA Goddard Space Flight Center)</u> Plenary
Gaylord National Resort & Convention Center Potomac Ballroom AB
11:40 AM ET - 12:30 PM ET

Wed., 12:30 PM

<u>Create Belonging by Combatting Impostor Syndrome</u> Splinters	<u>Opportunities at the Center for Astrophysics</u> Exhibitor Theater
Gaylord National Resort & Convention Center Baltimore 1-2	Gaylord National Resort & Convention Center Prince George's Exhibit Hall CD
12:30 PM ET - 1:30 PM ET	12:30 PM ET - 1:00 PM ET

Wed., 12:45 PM

<u>332 - AAS Task Force on the Use of AI in Astronomy</u> Town Hall	<u>333 - NSF NOIRLab Town Hall</u> Town Hall
Gaylord National Resort & Convention Center National Harbor 2	Gaylord National Resort & Convention Center National Harbor 4
12:45 PM ET - 1:45 PM ET	12:45 PM ET - 1:45 PM ET

Wed., 1:00 PM

<u>NASA's Future Innovations in Gamma Rays (FIG SAG)</u> Splinters	<u>Community Models of Astronomy and Mutual Stewardship Program Implementation</u> Splinters	<u>GUSTO: A Balloon-borne NASA Explorer Mission to Investigate the Life Cycle of the Interstellar Medium</u> Splinters	<u>The Future of the Event Horizon Telescope</u> Exhibitor Theater
Gaylord National Resort & Convention Center Annapolis 1-2	Gaylord National Resort & Convention Center Chesapeake A/B	Gaylord National Resort & Convention Center National Harbor 13	Gaylord National Resort & Convention Center Prince George's Exhibit Hall CD
1:00 PM ET - 2:30 PM ET	1:00 PM ET - 4:00 PM ET	1:00 PM ET - 2:30 PM ET	1:00 PM ET - 1:30 PM ET

Wed., 1:30 PM

<u>The Black Hole Explorer: Imaging Black Holes from Space</u> Exhibitor Theater
Gaylord National Resort & Convention Center Prince George's Exhibit Hall CD
1:30 PM ET - 2:00 PM ET

Wed., 2:00 PM

<u>Enhancing the Science of the Roman Space Telescope with Simulations</u> Splinters	<u>Fundamental Physics and New Messengers</u> Splinters	<u>Transforming Astronomy in the Era of Big Data: The Role of AI and AstroAI</u> Exhibitor Theater	<u>334 - Extrasolar Planets: Transit III</u> Oral	<u>335 - Quasar Absorbers Probing Intergalactic Gas</u> Oral	<u>336 - Extrasolar Planets: Formation and Protoplanetary Disks I</u> Oral	<u>337 - Extrasolar Planets: Populations IV</u> Oral
Gaylord National Resort & Convention Center Baltimore 1-2	Gaylord National Resort & Convention Center Maryland Ballroom B	Gaylord National Resort & Convention Center Prince George's Exhibit Hall CD	Gaylord National Resort & Convention Center Potomac Ballroom C	Gaylord National Resort & Convention Center Potomac 1-2	Gaylord National Resort & Convention Center Potomac 3-4	Gaylord National Resort & Convention Center Potomac 5-6
2:00 PM ET - 3:30 PM ET	2:00 PM ET - 3:30 PM ET	2:00 PM ET - 3:30 PM ET	2:00 PM ET - 3:30 PM ET	2:00 PM ET - 3:30 PM ET	2:00 PM ET - 3:30 PM ET	2:00 PM ET - 3:30 PM ET

		2:00 PM ET - 2:30 PM ET				
<u>338 - Time Domain Insights from the Roman Space Telescope</u> Special Session	<u>339 - Stars, Cool Dwarfs, Brown Dwarfs III</u> Oral	<u>340 - Inclusive Mentoring of the Next Generation of Astronomers</u> Oral	<u>341 - Pulsating Neutron Stars</u> Oral	<u>342 - Multiple Star Systems I</u> Oral	<u>343 - Protostars and their Environments</u> Oral	<u>344 - Cosmology III</u> Oral
Gaylord National Resort & Convention Center National Harbor 2	Gaylord National Resort & Convention Center National Harbor 3	Gaylord National Resort & Convention Center National Harbor 4	Gaylord National Resort & Convention Center National Harbor 5	Gaylord National Resort & Convention Center National Harbor 6-7	Gaylord National Resort & Convention Center National Harbor 10	Gaylord National Resort & Convention Center National Harbor 11
2:00 PM ET - 3:30 PM ET	2:00 PM ET - 3:30 PM ET	2:00 PM ET - 3:30 PM ET	2:00 PM ET - 3:30 PM ET	2:00 PM ET - 3:30 PM ET	2:00 PM ET - 3:30 PM ET	2:00 PM ET - 3:30 PM ET

<u>345 - AGN/Quasars VI (Low-z)</u> Oral	<u>346 - Interstellar Medium and Galactic Center</u> Oral	<u>347 - Open Science: NASA Astrophysics in the Roman Era</u> Special Session	<u>348 - The Impact of Identity in Space Science Advancement</u> Special Session	<u>349 - Gravitational Waves and Multimessenger Astronomy III</u> Oral	<u>365 - Dwarf and Irregular Galaxies II</u> Oral	<u>366 - Relativistic Astrophysics and Black Holes</u> Oral
Gaylord National Resort & Convention Center National Harbor 12	Gaylord National Resort & Convention Center Annapolis 3-4	Gaylord National Resort & Convention Center Chesapeake 4-5	Gaylord National Resort & Convention Center Chesapeake G/H	Gaylord National Resort & Convention Center Maryland 1-2	Gaylord National Resort & Convention Center Chesapeake D/E	Gaylord National Resort & Convention Center Chesapeake J/K/L
2:00 PM ET - 3:30 PM ET	2:00 PM ET - 3:30 PM ET	2:00 PM ET - 3:30 PM ET	2:00 PM ET - 3:30 PM ET	2:00 PM ET - 3:30 PM ET	2:00 PM ET - 3:30 PM ET	2:00 PM ET - 3:30 PM ET

367 - Extrasolar Planets: Radial Velocities and Modeling

Oral

Gaylord National Resort & Convention Center
Maryland Ballroom D

2:00 PM ET - 3:30 PM ET

Wed., 2:15 PM

New Findings About Stars

Press Conferences

Gaylord National Resort & Convention Center
Maryland 3-4

2:15 PM ET - 3:15 PM ET

Wed., 2:30 PM

La Palma and the ORM: The Cherenkov Telescope Array Observatory at the Northern Hemisphere

Exhibitor Theater

Gaylord National Resort & Convention Center
Prince George's Exhibit Hall CD

2:30 PM ET - 3:00 PM ET

Wed., 3:00 PM

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Exhibitor Theater

Gaylord National Resort & Convention Center
Prince George's Exhibit Hall CD

3:00 PM ET - 3:30 PM ET

Wed., 3:40 PM

350 - Plenary Lecture: Revealing the Solar Neighborhood's Diversity and the Milky Way's Substellar Halo, Aaron Meisner (NSF NOIRLab)

Plenary
Gaylord National Resort & Convention Center Potomac Ballroom AB
3:40 PM ET - 4:30 PM ET
Wed., 4:40 PM

<u>351 - Newton Lacy Pierce Prize Lecture: The Evolution, Influence, and Ultimate Fate of Massive Stars, Maria Drout (University of Toronto)</u>	
Plenary	
Gaylord National Resort & Convention Center Potomac Ballroom AB	
4:40 PM ET - 5:30 PM ET	
Wed., 5:30 PM	

<u>Evening Poster Session Refreshment Break</u> Attendee Event	<u>Not Your Advisor's ADS</u> Exhibitor Theater	<u>352 - Multiple Star Systems II</u> iPoster	<u>353 - Stellar Evolution and Populations</u> iPoster	<u>354 - Transients and Time-Domain Astronomy</u> iPoster	<u>355 - AGN/Quasars VI</u> iPoster	<u>356 - Machine Learning Methods</u> iPoster
		Gaylord National Resort & Convention Center Prince George's Exhibit Hall CD	Gaylord National Resort & Convention Center Prince George's Exhibit Hall CD	Gaylord National Resort & Convention Center Prince George's Exhibit Hall CD	Gaylord National Resort & Convention Center Prince George's Exhibit Hall CD	Gaylord National Resort & Convention Center Prince George's Exhibit Hall CD
		5:30 PM ET - 6:30 PM ET	5:30 PM ET - 6:30 PM ET	5:30 PM ET - 6:30 PM ET	5:30 PM ET - 6:30 PM ET	5:30 PM ET - 6:30 PM ET
		5:30 PM ET - 6:00 PM ET	5:30 PM ET - 6:00 PM ET	5:30 PM ET - 6:30 PM ET	5:30 PM ET - 6:30 PM ET	5:30 PM ET - 6:30 PM ET
Gaylord National Resort & Convention Center Prince George's Exhibit Hall CD	Gaylord National Resort & Convention Center Prince George's Exhibit Hall CD	<u>357 - YSOs, Very Young Stars, T Tauri Stars, H-H Objects</u> iPoster	<u>358 - Observatory Site Protection, Light Pollution, Radio Interference and Space Debris</u> iPoster	<u>359 - Quantifying star formation near and far</u> iPoster	<u>360 - Gamma Ray Bursts</u> iPoster	<u>361 - HST & JWST Software</u> iPoster
		Gaylord National Resort & Convention Center Prince George's Exhibit Hall CD	Gaylord National Resort & Convention Center Prince George's Exhibit Hall CD	Gaylord National Resort & Convention Center Prince George's Exhibit Hall CD	Gaylord National Resort & Convention Center Prince George's Exhibit Hall CD	Gaylord National Resort & Convention Center Prince George's Exhibit Hall CD
		5:30 PM ET - 6:30 PM ET	5:30 PM ET - 6:30 PM ET	5:30 PM ET - 6:30 PM ET	5:30 PM ET - 6:30 PM ET	5:30 PM ET - 6:30 PM ET
		5:30 PM ET - 6:30 PM ET	5:30 PM ET - 6:30 PM ET	5:30 PM ET - 6:30 PM ET	5:30 PM ET - 6:30 PM ET	5:30 PM ET - 6:30 PM ET

<u>364 - Astronomy Education</u> iPoster	
Gaylord National Resort & Convention Center Prince George's Exhibit Hall CD	
5:30 PM ET - 6:30 PM ET	
Wed., 6:00 PM	

<u>Science from the TESS Extended Mission</u> Splinters	
Gaylord National Resort & Convention Center Maryland Ballroom C	
6:00 PM ET - 9:00 PM ET	
Wed., 6:30 PM	

<u>NSF NOIRLab and US Extremely Large Telescope Program joint</u>	<u>365 - JWST Town Hall</u>
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<u>Open House</u> Splinters	Town Hall
Gaylord National Resort & Convention Center Maryland Ballroom A	Gaylord National Resort & Convention Center Potomac Ballroom C
6:30 PM ET - 8:30 PM ET	6:30 PM ET - 8:30 PM ET

Wed., 7:00 PM

<u>Open Mic Night</u> Attendee Event
Gaylord National Resort & Convention Center Potomac Ballroom D
7:00 PM ET - 9:00 PM ET

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Thursday, January 16, 2025

Thu., 7:30 AM

<u>40+ E Lounge</u> Attendee Event	<u>Speaker Ready Room</u> Attendee Event	<u>AAS Registration</u> Attendee Event
Gaylord National Resort & Convention Center Chesapeake 3	Gaylord National Resort & Convention Center National Harbor 14	Gaylord National Resort & Convention Center Pre Function Area
7:30 AM ET - 3:00 PM ET	7:30 AM ET - 2:00 PM ET	7:30 AM ET - 5:00 PM ET

Thu., 8:00 AM

<u>Quiet Room</u> Attendee Event	<u>400 - Plenary Lecture: The Star Formation Engine, Stella Offner (University of Texas, Austin)</u> Plenary
Gaylord National Resort & Convention Center National Harbor 1	Gaylord National Resort & Convention Center Potomac Ballroom AB
8:00 AM ET - 6:00 PM ET	8:00 AM ET - 9:00 AM ET

Thu., 9:00 AM

<u>The Habitable Worlds Observatory: Current Status and Opportunities for Engagement</u> Splinters	<u>AM Poster Session and Coffee Break</u> Attendee Event	<u>Oral History Interviews</u> Splinters	<u>401 - Neutron Stars</u> iPoster	<u>402 - Black Holes</u> iPoster	<u>403 - Stars, Cool Dwarfs, Brown Dwarfs I</u> iPoster	<u>404 - Observations of Exoplanet Atmospheres</u> iPoster
Gaylord National Resort & Convention Center Potomac Ballroom C	Gaylord National Resort & Convention Center Prince George's Exhibit Hall CD	Gaylord National Resort & Convention Center Mezzanine 4	Gaylord National Resort & Convention Center Prince George's Exhibit Hall CD	Gaylord National Resort & Convention Center Prince George's Exhibit Hall CD	Gaylord National Resort & Convention Center Prince George's Exhibit Hall CD	Gaylord National Resort & Convention Center Prince George's Exhibit Hall CD
9:00 AM ET - 12:45 PM ET	9:00 AM ET - 10:00 AM ET	9:00 AM ET - 1:00 PM ET	9:00 AM ET - 10:00 AM ET	9:00 AM ET - 10:00 AM ET	9:00 AM ET - 10:00 AM ET	9:00 AM ET - 10:00 AM ET
<u>405 - Starburst</u> iPoster	<u>406 - Extrasolar Planets: Radial Velocities</u> iPoster	<u>407 - Radio Astronomy Software</u> iPoster	<u>408 - Roman Space Telescope Software</u> iPoster	<u>409 - White Dwarf Asteroseismology</u> iPoster	<u>410 - Specific Observations</u> iPoster	<u>411 - AGN/Quasars V</u> iPoster
Gaylord National Resort & Convention Center Prince George's Exhibit Hall CD	Gaylord National Resort & Convention Center Prince George's Exhibit Hall CD	Gaylord National Resort & Convention Center Prince George's Exhibit Hall CD	Gaylord National Resort & Convention Center Prince George's Exhibit Hall CD	Gaylord National Resort & Convention Center Prince George's Exhibit Hall CD	Gaylord National Resort & Convention Center Prince George's Exhibit Hall CD	Gaylord National Resort & Convention Center Prince George's Exhibit Hall CD
9:00 AM ET - 10:00 AM ET	9:00 AM ET - 10:00 AM ET	9:00 AM ET - 10:00 AM ET	9:00 AM ET - 10:00 AM ET	9:00 AM ET - 10:00 AM ET	9:00 AM ET - 10:00 AM ET	9:00 AM ET - 10:00 AM ET

AM ET	AM ET	AM ET		
<u>476 - Exoplanet Direct Imaging</u>				
iPoster				
Gaylord National Resort & Convention Center Prince George's Exhibit Hall CD				
9:00 AM ET - 10:00 AM ET				
Thu., 9:30 AM				

<u>A conversation about the Gemini Observatory Strategic Plan for the 2030s</u>				
Splinters				
Gaylord National Resort & Convention Center Chesapeake 7-8				
9:30 AM ET - 11:30 AM ET				
Thu., 10:00 AM				

<u>412 - Galaxy Clusters: Feedback, Theory, and Masses</u> Oral Gaylord National Resort & Convention Center Potomac 1-2 10:00 AM ET - 11:30 AM ET	<u>413 - Extrasolar Planets: Formation and Protoplanetary Disks II</u> Oral Gaylord National Resort & Convention Center Potomac 3-4 10:00 AM ET - 11:30 AM ET	<u>414 - The Solar System</u> Oral Gaylord National Resort & Convention Center Potomac 5-6 10:00 AM ET - 11:30 AM ET	<u>415 - Gamma Ray Bursts I</u> Oral Gaylord National Resort & Convention Center Maryland Ballroom B 10:00 AM ET - 11:30 AM ET	<u>416 - ISM IV</u> Oral Gaylord National Resort & Convention Center Maryland Ballroom D 10:00 AM ET - 11:30 AM ET	<u>417 - JWST and High z Galaxies I</u> Oral Gaylord National Resort & Convention Center National Harbor 2 10:00 AM ET - 11:30 AM ET	<u>418 - Stars, Cool Dwarfs, Brown Dwarfs IV</u> Oral Gaylord National Resort & Convention Center National Harbor 3 10:00 AM ET - 11:30 AM ET
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<u>419 - Black Holes II</u> Oral Gaylord National Resort & Convention Center National Harbor 4 10:00 AM ET - 11:30 AM ET	<u>420 - AGN/ Quasars VII (X-ray)</u> Oral Gaylord National Resort & Convention Center National Harbor 5 10:00 AM ET - 11:30 AM ET	<u>421 - Dark Matter & Dark Energy</u> Oral Gaylord National Resort & Convention Center National Harbor 6-7 10:00 AM ET - 11:30 AM ET	<u>422 - Transients and Time-Domain Astronomy II</u> Oral Gaylord National Resort & Convention Center National Harbor 10 10:00 AM ET - 11:30 AM ET	<u>423 - Supernovae III</u> Oral Gaylord National Resort & Convention Center National Harbor 11 10:00 AM ET - 11:30 AM ET	<u>424 - Image and Spectral Analysis Software</u> Oral Gaylord National Resort & Convention Center National Harbor 12 10:00 AM ET - 11:30 AM ET	<u>425 - The Power of Collaborative Networks in the Era of Big Data</u> Special Session Gaylord National Resort & Convention Center Chesapeake 4-5 10:00 AM ET - 11:30 AM ET
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<u>426 - Astrobiology</u> Oral Gaylord National Resort & Convention Center Chesapeake A/B 10:00 AM ET - 11:30 AM ET	<u>427 - Neutron Stars in Low Mass X-ray Binaries</u> Oral Gaylord National Resort & Convention Center Chesapeake D/E 10:00 AM ET - 11:30 AM ET	<u>428 - AGN/ Quasars XI (Obscured/CON)</u> Oral Gaylord National Resort & Convention Center Chesapeake G/H 10:00 AM ET - 11:30 AM ET	<u>429 - Milky Way Survey Science</u> Oral Gaylord National Resort & Convention Center Chesapeake J/K/L 10:00 AM ET - 11:30 AM ET	<u>430 - Gravitational Waves and Multi-messenger Astronomy IV</u> Oral Gaylord National Resort & Convention Center Maryland 1-2 10:00 AM ET - 11:30 AM ET	<u>431 - Dwarf and Irregular Galaxies III</u> Oral Gaylord National Resort & Convention Center National Harbor 13 10:00 AM ET - 11:30 AM ET	<u>432 - White Dwarfs</u> Oral Gaylord National Resort & Convention Center Baltimore 1-2 10:00 AM ET - 11:30 AM ET
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<u>433 - Circumstellar Disks III</u> Oral Gaylord National Resort & Convention Center Annapolis 1-2			<u>478 - Virtual Session - Various Topics</u> Oral Virtually Zoom		
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10:00 AM ET - 11:30 AM ET

10:00 AM ET - 11:40 AM ET

Thu., 10:15 AM

Exoplanets: From Formation to Disintegration

Press Conferences

Gaylord National Resort & Convention Center
Maryland 3-4

10:15 AM ET - 11:15 AM ET

Thu., 11:00 AM

The Rubin Observatory and Supermassive Black Holes: A New Era of Discovery - Day 2

Splinters

Gaylord National Resort & Convention Center
Annapolis 3-4

11:00 AM ET - 1:15 PM ET

Thu., 11:40 AM

434 - Dannie Heineman Prize for Astrophysics Lecture: Past, Present, and Future Cosmic Microwave Background Surveys, John E. Carlstrom (University of Chicago)

Plenary

Gaylord National Resort & Convention Center
Potomac Ballroom AB

11:40 AM ET - 12:30 PM ET

Thu., 12:45 PM

Seminar for Science Writers Bringing the Night Sky to Life: NSF-DOE Vera C. Rubin Observatory Will Revolutionize the Way We Explore the Cosmos

Press Conferences

Gaylord National Resort & Convention Center
Maryland 3-4

12:45 PM ET - 1:45 PM ET

Thu., 1:00 PM

Afternoon Poster Session and Refreshment Break Attendee Event Gaylord National Resort & Convention Center Prince George's Exhibit Hall CD 1:00 PM ET - 2:00 PM ET	<u>464 - Stars, Cool Dwarfs, Brown Dwarfs II</u> iPoster Gaylord National Resort & Convention Center Prince George's Exhibit Hall CD 1:00 PM ET - 2:00 PM ET	<u>465 - AI, ML, and Data Processing</u> iPoster Gaylord National Resort & Convention Center Prince George's Exhibit Hall CD 1:00 PM ET - 2:00 PM ET	<u>466 - Evolution of Galaxies</u> iPoster Gaylord National Resort & Convention Center Prince George's Exhibit Hall CD 1:00 PM ET - 2:00 PM ET	<u>467 - Large Scale Structure, Cosmic Distance Scale</u> iPoster Gaylord National Resort & Convention Center Prince George's Exhibit Hall CD 1:00 PM ET - 2:00 PM ET	<u>468 - Spiral Galaxies</u> iPoster Gaylord National Resort & Convention Center Prince George's Exhibit Hall CD 1:00 PM ET - 2:00 PM ET	<u>469 - Galaxy Clusters: ICM</u> iPoster Gaylord National Resort & Convention Center Prince George's Exhibit Hall CD 1:00 PM ET - 2:00 PM ET
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<u>470 - Classical pulsators</u> iPoster Gaylord National Resort & Convention Center Prince George's Exhibit Hall CD 1:00 PM ET - 2:00 PM ET	<u>471 - Dataset & Catalog Software</u> iPoster Gaylord National Resort & Convention Center Prince George's Exhibit Hall CD 1:00 PM ET - 2:00 PM ET	<u>472 - Galaxy Clusters: Galaxies</u> iPoster Gaylord National Resort & Convention Center Prince George's Exhibit Hall CD 1:00 PM ET - 2:00 PM ET	<u>473 - Dark Matter & Dark Energy</u> iPoster Gaylord National Resort & Convention Center Prince George's Exhibit Hall CD 1:00 PM ET - 2:00 PM ET	<u>474 - Planetary Nebulae</u> iPoster Gaylord National Resort & Convention Center Prince George's Exhibit Hall CD 1:00 PM ET - 2:00 PM ET	<u>475 - Relativistic Astrophysics</u> iPoster Gaylord National Resort & Convention Center Prince George's Exhibit Hall CD 1:00 PM ET - 2:00 PM ET
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Thu., 2:00 PM

<p><u>439 - Exoplanet Direct Imaging Space Missions</u></p> <p>Oral</p> <p>Gaylord National Resort & Convention Center Potomac Ballroom C</p> <p>2:00 PM ET - 3:30 PM ET</p>	<p><u>440 - Galaxy Clusters: Mergers, Radio, and Galaxy Distributions</u></p> <p>Oral</p> <p>Gaylord National Resort & Convention Center Potomac 1-2</p> <p>2:00 PM ET - 3:30 PM ET</p>	<p><u>441 - Extrasolar Planets: Formation and Protoplanetary Disks III</u></p> <p>Oral</p> <p>Gaylord National Resort & Convention Center Potomac 3-4</p> <p>2:00 PM ET - 3:30 PM ET</p>	<p><u>442 - Technology Developments in Outreach, Education, and Research</u></p> <p>Oral</p> <p>Gaylord National Resort & Convention Center Potomac 5-6</p> <p>2:00 PM ET - 3:30 PM ET</p>	<p><u>443 - Gamma Ray Bursts II</u></p> <p>Oral</p> <p>Gaylord National Resort & Convention Center Maryland Ballroom B</p> <p>2:00 PM ET - 3:30 PM ET</p>	<p><u>444 - ISM V</u></p> <p>Oral</p> <p>Gaylord National Resort & Convention Center Maryland Ballroom D</p> <p>2:00 PM ET - 3:30 PM ET</p>	<p><u>445 - JWST and High z Galaxies II</u></p> <p>Oral</p> <p>Gaylord National Resort & Convention Center National Harbor 2</p> <p>2:00 PM ET - 3:30 PM ET</p>
<p><u>446 - Stars, Cool Dwarfs, Brown Dwarfs V</u></p> <p>Oral</p> <p>Gaylord National Resort & Convention Center National Harbor 3</p> <p>2:00 PM ET - 3:30 PM ET</p>	<p><u>447 - Black Holes III</u></p> <p>Oral</p> <p>Gaylord National Resort & Convention Center National Harbor 4</p> <p>2:00 PM ET - 3:30 PM ET</p>	<p><u>448 - AGN/Quasars VIII (Radio, Jets)</u></p> <p>Oral</p> <p>Gaylord National Resort & Convention Center National Harbor 5</p> <p>2:00 PM ET - 3:30 PM ET</p>	<p><u>449 - Multiple Star Systems II</u></p> <p>Oral</p> <p>Gaylord National Resort & Convention Center National Harbor 6-7</p> <p>2:00 PM ET - 3:30 PM ET</p>	<p><u>450 - Machine Learning Methods</u></p> <p>Oral</p> <p>Gaylord National Resort & Convention Center National Harbor 10</p> <p>2:00 PM ET - 3:30 PM ET</p>	<p><u>451 - Cosmology IV</u></p> <p>Oral</p> <p>Gaylord National Resort & Convention Center National Harbor 11</p> <p>2:00 PM ET - 3:30 PM ET</p>	<p><u>452 - Characterizing Neutron Stars systems</u></p> <p>Oral</p> <p>Gaylord National Resort & Convention Center National Harbor 12</p> <p>2:00 PM ET - 3:30 PM ET</p>
<p><u>453 - Exoplanet Direct Imaging: HWO</u></p> <p>Oral</p> <p>Gaylord National Resort & Convention Center National Harbor 13</p> <p>2:00 PM ET - 3:30 PM ET</p>	<p><u>455 - Asteroseismology and Classical Pulsators</u></p> <p>Oral</p> <p>Gaylord National Resort & Convention Center Chesapeake A/B</p> <p>2:00 PM ET - 3:30 PM ET</p>	<p><u>456 - SMD Inclusion Plan Pilot: Lessons learned from the Astrophysics Community</u></p> <p>Special Session</p> <p>Gaylord National Resort & Convention Center Chesapeake D/E</p> <p>2:00 PM ET - 3:30 PM ET</p>	<p><u>457 - AGN/Quasars XII</u></p> <p>Oral</p> <p>Gaylord National Resort & Convention Center Chesapeake G/H</p> <p>2:00 PM ET - 3:30 PM ET</p>	<p><u>458 - Supernovae IV</u></p> <p>Oral</p> <p>Gaylord National Resort & Convention Center Chesapeake J/K/L</p> <p>2:00 PM ET - 3:30 PM ET</p>	<p><u>459 - Gravitational Waves and Multi-messenger Astronomy V</u></p> <p>Oral</p> <p>Gaylord National Resort & Convention Center Maryland 1-2</p> <p>2:00 PM ET - 3:30 PM ET</p>	<p><u>460 - Future Missions and Instrumentation for Exoplanets and Technosignatures</u></p> <p>Oral</p> <p>Gaylord National Resort & Convention Center Baltimore 1-2</p> <p>2:00 PM ET - 3:30 PM ET</p>
<p><u>461 - Space-based Missions on the Moon and CMB</u></p> <p>Oral</p> <p>Gaylord National Resort & Convention Center Annapolis 1-2</p> <p>2:00 PM ET - 3:30 PM ET</p>			<p><u>462 - Stellar Atmospheres and Winds</u></p> <p>Oral</p> <p>Gaylord National Resort & Convention Center Maryland Ballroom A</p> <p>2:00 PM ET - 3:30 PM ET</p>			

Thu., 2:15 PM

<p><u>Galactic Histories and Policy Futures</u></p> <p>Press Conferences</p> <p>Gaylord National Resort & Convention Center Maryland 3-4</p> <p>2:15 PM ET - 3:15 PM ET</p>
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Thu., 3:40 PM

<p><u>463 - RAS Gold Medal Lecture: From the Cradle: Applying Basic Physics to Astrophysical Fundamental Questions, Gilles Chabrier (ENS-Lyon)</u></p> <p>Plenary</p>
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Gaylord National Resort & Convention Center

Potomac Ballroom AB

3:40 PM ET - 4:30 PM ET

Thu., 4:40 PM

477 - Lancelot M. Berkeley – New York Community Trust Prize for Meritorious Work in Astronomy Lecture: Erik Tollerud (Space Telescope Science Institute), Clara Brasseur (University of St Andrews), and Kelle Cruz (CUNY Hunter College and American Museum of Natural History)

Plenary

Gaylord National Resort & Convention Center

Potomac Ballroom AB

4:40 PM ET - 5:30 PM ET

Thu., 6:00 PM

Closing Reception

Attendee Event

Gaylord National Resort & Convention Center

Riverview Ballroom

6:00 PM ET - 7:30 PM ET

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