

## Nancy Grace Roman Space Telescope – Winter 2025 AAS

Session	Date and Time	Location
<i>Hyperwall:</i> Get Ready for the Nancy Grace Roman Space Telescope!	Sun., Jan. 12 8:00-8:15 pm	NASA @ Exhibit Hall
<i>Splinter:</i> Roman Spectroscopy Data Challenge (Part 1/3)	Mon., Jan. 13 10-11:30 am	Chesapeake F
<i>Town Hall:</i> NASA	Mon., Jan. 13 12:45 – 1:45 pm	Potomac Ballroom AB
<i>Hyperwall:</i> Roman Coronagraph	Mon., Jan. 13 6:00 – 6:15 pm	NASA @ Exhibit Hall
<i>Splinter:</i> Project Infrastructure Teams for the Roman Space Telescope	Tues., Jan. 14 9:00 am – 12:00 pm	National Harbor 13
<i>Splinter:</i> Advancing the Roman Coronagraph Instrument to Flight: Project Status and Coronagraph Community Participation Program Activities	Tues., Jan. 14 10:00 am – 12:00 pm	Chesapeake C
<i>Hyperwall:</i> Roman Core Community Survey: High Latitude Wide Area Survey	Tues., Jan. 14 1:15 – 1:30 pm	NASA @ Exhibit Hall
<i>Hyperwall:</i> Roman Core Community Survey: Roman Galactic Bulge Time Domain Survey	Tues., Jan. 14 1:30 – 1:45 pm	NASA @ Exhibit Hall
<i>Hyperwall:</i> Roman Wide Field Instrument: From Ground Tests to Science	Tues., Jan. 14 5:30 – 5:45 pm	NASA @ Exhibit Hall
<i>Town Hall:</i> Nancy Grace Roman Space Telescope	Tues., Jan. 14 6:30 – 8:00 pm	National Harbor 11
<i>Splinter:</i> Maximizing Science with Roman-Rubin Data Synergies	Wed., Jan. 15 10:00 – 11:30 am	Chesapeake J/K/L
<i>Hyperwall:</i> What to Expect for Galaxy Evolution with Roman: Lessons from JWST	Wed., Jan. 15 12:30 – 12:45 pm	NASA @ Exhibit Hall
<i>Hyperwall:</i> Roman Core Community Survey: High Latitude Time Domain Survey	Wed., Jan. 15 1:15 – 1:30 pm	NASA @ Exhibit Hall
<i>Splinter:</i> Enhancing the Science of the Roman Space Telescope with Simulations	Wed., Jan. 15 2:00 – 3:30 pm	Chesapeake D/E
<i>Special Session:</i> Time Domain Insights from the Roman Space Telescope	Wed., Jan. 15 2:00 – 3:30 pm	National Harbor 2
<i>Special Session:</i> Open Science: NASA Astrophysics in the Roman Era	Wed., Jan. 15 2:00 – 3:30 pm	Chesapeake 4-5
<i>Hyperwall:</i> Roman Galactic Plane Survey	Thurs., Jan. 16 1:30 – 1:45 pm	NASA @ Exhibit Hall
<i>Hyperwall:</i> Roman Hardware Time Lapse Video	Thurs., Jan. 16 1:45 – 2pm	NASA @ Exhibit Hall


# NASA's *Nancy Grace Roman Space Telescope*

NASA's next astrophysics flagship mission, the *Roman Space Telescope*, is a future visible-to-infrared observatory designed to explore essential questions in astrophysics, cosmology (the growth of structure and expansion history of the Universe), and exoplanets through next generation, large scale surveys.

- 2.4-meter (7.9-feet) diameter mirror
- Launching to L2 no later than May 2027 for a 5-year primary mission
- Core community surveys (the Galactic Bulge Time-Domain Survey, High-Latitude Time-Domain Survey, and the High-Latitude Wide-Area Survey) and an Early Definition General Astrophysics Survey of the Galactic Plane
- All Roman hardware is now at Goddard for the mission integration and test campaign

Wide Field Instrument (Primary instrument)	Coronagraph Instrument (Tech. demo)
<ul style="list-style-type: none"> <li>• 18 H4RG detectors, 0.28 deg<sup>2</sup> FOV (~200x Hubble/WFC3 IR)</li> <li>• 0.11 "/pix imaging resolution</li> <li>• Photometry (0.48–2.3 μm) and slitless spectroscopy (0.75–1.93 μm)</li> </ul>	<ul style="list-style-type: none"> <li>• 4 bands spanning 546–874 nm</li> <li>• Photometry, polarimetry, and spectroscopy</li> <li>• High-contrast capability: at least 10<sup>-7</sup> flux ratio of a point source at SNR ≥ 5 and 6-9 λ/D around a star V<sub>AB</sub> ≤ 5</li> </ul>

## Get Involved with Roman!

<p><b>Roman at AAS: Events &amp; Resources</b></p> 	<p><b>Roman Website "For Scientists"</b></p> 	<p><b>Roman ROSES-2024 Funding Opportunity</b></p> 	<p><b>Cosmic Cartography w/ Roman Conference</b></p> 
<p><b>The Roman Forum:</b> a community collaboration to maximize WFI's science. To get more involved, join one of the working groups!</p> 	<p><b>The Roman Virtual Lecture Series:</b> monthly community presentations on engineering, science, and technology related to Roman.</p> 		
<p><b>The Roman Community Forum:</b> monthly virtual updates on mission status and plans, and an opportunity to engage with the Roman Project and Science Centers.</p> 	<p><b>Roman Project Emails:</b> keep up to date with the Roman Project. Send an e-mail to roman-news-join@lists.nasa.gov to sign up.</p> 		