

## Science with the Habitable Worlds Observatory and Beyond

			Monday July 10		
Start	End				
8:00 AM	9:00 AM		<b>Breakfast - Cafe</b>	<b>Chair</b>	<b>Moderator</b>
9:00 AM	9:15 AM	in person	Welcome - Nancy Levenson and Jason Tumlinson	Jason Tumlinson	
9:15 AM	9:45 AM	in person	NASA/APD Intro - Mark Clampin (NASA HQ)		
9:45 AM	10:00 AM	in person	GOMAP Intro - Julie Crooke (NASA HQ)		
10:00 AM	10:30 AM	in person	All Roads Lead to the Habitable Worlds Observatory - Scott Gaudi (OSU)		
10:30 AM	11:15 AM		<b>Coffee and Posters</b>		
11:15 AM	11:45 AM	in person	David Sing (JHU)	Marshall Perrin	
11:45 AM	12:15 PM	in person	A Review of the Open Questions About Exoplanet Host Stars - Natalie Hinkel (SwRI)		
12:15 PM			<b>Lunch and Posters</b>		
			<b>Lunch and Posters</b>		
			Demystifying Mission Work for Early Career Researchers #1		
	2:00 PM				
2:00 PM	2:15 PM	in person	Towards HWO: The Roman Space Telescope Coronagraph Science Capabilities - Marie Ygouf (JPL)	Marshall Perrin	
2:15 PM	2:30 PM	virtual	Chasing rainbows and ocean glints: IWA constraints for HabWorlds - Sophia Vaughan (Oxford)		
2:30 PM			One minute poster ads (<60)		
	3:30 PM				
3:30 PM	4:00 PM		<b>Coffee and Posters</b>		
4:00 PM	5:00 PM	combo	International Plans (Hussein/ESA, Sumi/JAXA, Bergeron/CSA, Storchi-Bergmann/Brazil)		
5:00 PM	5:15 PM	in person	The Role of Science Metrics in the Maturation of Future Great Observatories- Karl Stapelfeldt (JPL)		
5:15 PM	5:30 PM	in person	From Science to Mission: Perspectives from the LUVOIR Mission Concept Study - Aki Roberge (GSFC)		

## Science with the Habitable Worlds Observatory and Beyond

		Tuesday July 11			
Start	End			Chair	Moderator
		<b>Breakfast - Cafe</b>			
8:00 AM	9:00 AM				
9:00 AM	9:30 AM	in person	Searching for Habitable Worlds and Life with the Habitable Worlds Observatory - Vikki Meadows (UW)	Marc Postman	Alexandra Hamanowica
9:30 AM	10:00 AM	in person	The Multi-faceted Role of Small- and Medium-Size Missions in the Success of the HWO - Evgenya Shkolnik (ASU)		
10:00 AM	10:30 AM	in person	Witnessing the Formation and Evolution of Exoplanetary Systems - Christine Chen (STScI)		
		<b>Coffee and Posters</b>			
11:00 AM	11:30 AM	in person	Going with the flow: exploring Cosmic Ecosystems with HWO - Rachel Somerville (CCA)	Marc Postman	Alexandra Hamanowica
11:30 AM	12:00 PM	in person	John Chisholm (UT Austin)		
12:00 PM	12:30 PM	in person	The Cosmic Baryon and Metal Cycles in the UV - Chris Howk (Notre Dame)		
12:30 PM					
		<b>Lunch and Posters</b>			
		<b>Lunch and Posters</b>	<b>Lunch and Posters</b>		
			Do It Yourself #1		
	2:00 PM		ExoVista (Stark, Howe), PSG (Villanueva)		
2:00 PM	2:30 PM	in person	Floor Broekgarden (CfA)	Vanessa Bailey	Francie Cashman
2:30 PM	3:00 PM	in person	Rebecca Larson (UT Austin)		
3:00 PM	3:30 PM	in person	AGN and galaxies through cosmic time - Thaisa Storchi-Bergmann (UFRGS)		
		<b>Coffee and Posters</b>			
4:00 PM	4:30 PM	in person	Ultrastable Observatory Roadmap Team Status: Feinberg & Coyle	Vanessa Bailey	Francie Cashman
4:30 PM	5:00 PM	in person	Coronagraphy for the Habitable Worlds Observatory: Pin Chen & Laurent Pueyo		
5:00 PM	5:30 PM	in person	Enabling UV Spectroscopy and Imaging with HWO: Instrument Design and Tech Development - Kevin France (CU)		

## Science with the Habitable Worlds Observatory and Beyond

Wednesday July 12

Start	End			Chair	Moderator
8:00 AM	9:00 AM		<b>Breakfast - Cafe</b>		
9:00 AM	9:30 AM	in person	Geronimo Villanueva (GSFC)		
9:30 AM	9:45 AM	in person	HWO Requirements for Monitoring Exoplanet Weather and Detecting Exomoons - Mary Anne Limbach (UM)	Andreea Petric	
9:45 AM	10:00 AM	in person	Investigating the Detectability of Biosignature Gas Pairs - Jaime Crouse (UMD)		
10:00 AM	10:30 AM	in person	Galactic Outflows - Claudia Scarlata (UMinn)		
10:30 AM	11:00 AM		<b>Coffee and Posters</b>		
11:00 AM	11:30 AM	in person	A Look Towards the New Era of Galaxy Formation - Kate Whitaker (UMass)	Andreea Petric	
11:30 AM	12:00 PM	in person	Resolved Stellar Populations in Nearby Galaxies - Ben Williams (UW)		
12:00 PM	12:15 PM	in person	Deciphering gas flows in galaxies by their resolved stellar populations - Claire Murray (STScI)		
12:15 PM	12:30 PM	virtual	Near pristine DLAs: A window to the first stars - Louise Welsh (Milan)		
12:30 PM			<b>Lunch and Posters</b>		
			<b>Lunch and Posters</b>		
	2:00 PM		Demystifying Mission Work for Early Career Researchers #2		
2:00 PM	2:30 PM	in person	Clues to the Histories of Earth-Sized Worlds: A Role for Formation Theory - Ruth Murray-Clay (UCSC)	Giada Arney	
2:30 PM	3:00 PM	in person	Family Portraits for Planet Formation - Rebekah Dawson (Penn St.)		
3:00 PM	3:15 PM	virtual	Assessing conditions for the origin of life on exoplanets with HWO - Tiffany Kataria (JPL)		
3:15 PM	3:30 PM	in person	Detecting exo-Earths with the Habitable Worlds Observatory - Nick Wogan (UW)		
3:30 PM	4:00 PM		<b>Coffee and Posters</b>		
4:00 PM	4:30 PM	in person	Massive stars in the local Universe, and far beyond - Jean-Claude Bouret (LAM)		
4:30 PM	4:45 PM	in person	Understanding the cosmic build-up of dust and metals with HWO UV spectroscopy - Julia Roman-Duval (STScI)		
4:45 PM	5:00 PM	in person	From FUV to NIR: Deciphering Star Formation Across the Local Universe - Elena Sabbi (STScI)		
5:00 PM	5:15 PM	virtual	Toward a High-Definition View of the Baryon Cycle and its Impact on Galaxy Evolution in the HWO Era - Fakhri Zahedy (Carnegie)		
5:15 PM	5:30 PM	in person	Obscured AGN – Hiding High Growth at the Cosmic Noon - Andreea Petric (STScI)		
5:30 PM	5:45 PM	virtual	Characterizing Extended Gas Disks of Galaxies in the Last 5 Gys - Sanch Borthakur (ASU)		

# Science with the Habitable Worlds Observatory and Beyond

Thursday July 13

Start	End			
8:00 AM	9:00 AM		<b>Breakfast - Cafe</b>	<b>Chair</b>
9:00 AM	9:30 AM	in person	Matthew Hayes (Stockholm)	Mario Gennaro
9:30 AM	10:00 AM	in person	Michael McDonald (MIT)	
10:00 AM	10:15 AM	virtual	Solar System Science with HWO: Amanda Hendrix (Planetary Science Institute)	
10:15 AM	10:30 AM	virtual	Understanding the formation of the solar system with HWO - Kathy Mandt (GSFC)	
10:30 AM	11:00 AM		<b>Coffee and Posters</b>	
11:00 AM	11:45 AM	in person	Community Prep / Guided Discussions 1: Mamajek, Ciardi, Burt, Mandell, Q&A	
11:45 AM	12:30 PM	in person	Community Prep / Guided Discussions 1: Kurczynski(?), Ardila, Beaton, Tuttle, Q&A	
12:30 PM			<b>Lunch and Posters</b>	
			<b>Lunch and Posters</b>	<b>Lunch and Posters</b>
				Do It Yourself #2
	2:00 PM			EXOSIMS (Morgan), Climate (Flagey)
2:00 PM				
	3:00 PM	in person	50012002	JT

End

JWST and Beyond Event at NAS - busses depart STScI at 5 PM

# Science with the Habitable Worlds Observatory and Beyond - Tech Day

Friday July 14

Start	End		
8:00 AM	9:00 AM	in person	<b>Breakfast - Bloomberg 462</b>
9:00 AM	9:20 AM	in person	Intros, TagChair?, Blackwood (JPL) / Grofic (GSFC)
9:20 AM	9:45 AM	in person	Matthew East (L3Harris) / Sang Park (SAO)
9:45 AM	10:10 AM	in person	Russ Belikov (AMES)
10:10 AM	10:35 AM	in person	Paul Scowen (GSFC) / McCandliss (JHU)
10:35 AM	11:00 AM		Coffee
11:00 AM	11:20 AM	virtual	Sasha Hinkley (Exeter)
11:20 AM	11:40 AM	in person	Alexandra Greenbaum (Caltech)
11:40 AM	12:00 PM	in person	Alexander Kutyrev (GSFC)
12:00 PM		in person	<b>Lunch</b>
12:30 PM		in person	
1:00 PM	1:20 PM	in person	Emily Witt (CU)
1:20 PM	1:40 PM	in person	Alex Howe (GSFC)
1:40 PM	2:00 PM	in person	Eugene Serabyn (JPL)
2:00 PM	2:20 PM	virtual	Eleonora Alei (ETHZ)
2:20 PM	2:40 PM	in person	Shingo Kameda (Rikkyo U)
2:40 PM	3:30 PM		Discussion/Roadmaps/FutureMeeting
3:30 PM			Adjourn