

NASA-DARES RFI Findings Workshop Schedule

May 29 - 30, 2025

Day 1: Thursday, May 29th, 2025

EDT	Agenda	Speaker	Additional Panelists	Notetakers	Online Monitors
9:00 AM	Welcome, TF1 Introductions, Workshop Overview including Breakout Session orientation, Meeting Goals	David Grinspoon	Rachel Harris, Steve Vance	Katherine Dzurilla, Svet Shkolyar	Lajuan Moore, Bradley Burcar
9:15 AM	Focus Area 1: Protometabolism and Synthesis/Function of Macromolecules in Planetary Environments	Laurie Barge	Laura Rodriguez, Saurja DasGupta	Katherine Dzurilla, Svet Shkolyar	Lajuan Moore, Bradley Burcar
9:30 AM					
9:45 AM	Invited Talk: Co-Advancement Opportunities for Space Biology and Astrobiology	Christopher Carr, Georgia Tech	Laurie Barge, Laura Rodriguez, Saurja DasGupta, Tanja Bosak	Katherine Dzurilla, Svet Shkolyar	Lajuan Moore, Bradley Burcar
10:00 AM	Focus Area 2: Abiotic Molecular Production and Evolution within Diverse Planetary Environments	Laura Rodriguez (virtual)	Laurie Barge, Tanja Bosak, Christopher Carr	Katherine Dzurilla, Svet Shkolyar	Lajuan Moore, Bradley Burcar
10:15 AM					
10:30 AM	Coffee Break				
10:45 AM	Focus Area 3: Co-Evolution of Biospheres, Worlds, and Planetary Systems	Ty Robinson	Tiffany Kataria, Tanja Bosak, Laurie Barge	Rachel Harris, Rebekah Dawson-Rigas	Becky McCauley Rench, Daniella Scalice
11:00 AM					
11:15 AM	<i>Breakout Session A: Focus Areas 1 - 3 (3 Groups)</i>	1: Laurie Barge		1. Katherine Dzurilla	1. Bradley Burcar
11:30 AM		2: Tanja Bosak (in person POC), Laura Rodriguez (virtual)		2. Rachel Harris	2. Daniella Scalice
11:45 AM		3: Ty Robinson		3. Rebekah Dawson-Rigas	3. Lajuan Moore
12:00 PM	Lunch				
12:15 PM					
12:30 PM					
12:45 PM					
1:00 PM	Report-Out: Focus Area 1	Laurie Barge	Laura Rodriguez, Saurja DasGupta	Katherine Dzurilla, Rachel Harris	Bradley Burcar, Lajuan Moore
1:15 PM	Report-Out: Focus Area 2	Laura Rodriguez (virtual)	Laurie Barge, Tanja Bosak	Katherine Dzurilla, Rachel Harris	Bradley Burcar, Lajuan Moore
1:30 PM	Report-Out: Focus Area 3	Ty Robinson	Tiffany Kataria, Tanja Bosak, Laurie Barge	Katherine Dzurilla, Rachel Harris	Bradley Burcar, Lajuan Moore
1:45 PM	Focus Area 4: Comparative Planetology of Habitable Worlds	Steve Vance	Billy Brazelton, Paul Burke, Paul Byrne, Tanja Bosak	Bradley Burcar, Rebekah Dawson-Rigas	Svet Shkolyar, Becky McCauley Rench
2:00 PM					
2:15 PM	Invited Talk: Terrestrial deep-sea exploration in the context of ocean worlds analog science and technology development	Chris German, Woods Hole Oceanographic Institution (virtual)	Steve Vance, Billy Brazelton, Paul Burke, Paul Byrne, Tanja Bosak	Bradley Burcar, Rebekah Dawson-Rigas	Svet Shkolyar, Becky McCauley Rench
2:30 PM	Focus Area 5: Detecting Signs of Living Worlds	Tiffany Kataria	Steve Vance, Paul Burke, Chris German	Bradley Burcar, Rebekah Dawson-Rigas	Svet Shkolyar, Becky McCauley Rench
2:45 PM					
3:00 PM	Coffee Break				
3:15 PM	Invited Talk: The Habitable Worlds Observatory as an Opportunity for Cross-Divisional Synergy	Niki Parenteau, NASA Ames Research Center (virtual)	Steve Vance, Tiffany Kataria	Rachel Harris, Rebekah Dawson-Rigas	Svet Shkolyar, Lajuan Moore
3:30 PM	Invited Talk: Technosignature Science as a Growing Discipline and Case Study in Addressing Programmatic Gaps at NASA	Sofia Sheikh, SETI Institute (virtual)	Steve Vance, Tiffany Kataria	Rachel Harris, Rebekah Dawson-Rigas	Svet Shkolyar, Lajuan Moore
3:45 PM	<i>Breakout Session B: Focus Areas 4 - 5 (2 Groups)</i>	4: Steve Vance		4: Bradley Burcar	4: Daniella Scalice
4:00 PM		5: Tiffany Kataria		5: Rebekah Dawson-Rigas	5: Becky McCauley Rench
4:15 PM					
4:30 PM	Report-Out: Focus Area 4	Steve Vance	Billy Brazelton, Paul Burke, Paul Byrne, Tanja Bosak	Bradley Burcar, Katherine Dzurilla	Daniella Scalice, Lajuan Moore
4:45 PM	Report-Out: Focus Area 5	Tiffany Kataria	Steve Vance, Paul Burke, Chris German	Bradley Burcar, Katherine Dzurilla	Daniella Scalice, Lajuan Moore
5:00 PM	Wrap-Up Discussion	David Grinspoon	Rachel Harris, Steve Vance	Bradley Burcar, Katherine Dzurilla	Daniella Scalice, Lajuan Moore

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Day 2: Friday, May 30th, 2025

EDT	Agenda	Speaker	Additional Panelists	Notetakers	Online Monitors
9:00 AM	Welcome Back + Day 1 Recap + Day 2 Goals	David Grinspoon	Rachel Harris, Steve Vance, Becky McCauley Rench	Katherine Dzurilla, Svet Shkolyar	Lajuan Moore, Bradley Burcar
9:15 AM	Focus Area 6: Astrobiology-Focused Mission Approaches and Technology Development	Paul Burke	Laura Rodriguez, Aaron Berliner, Steve Vance	Katherine Dzurilla, Svet Shkolyar	Lajuan Moore, Bradley Burcar
9:30 AM					
9:45 AM	Invited Talk: Status of the MEPAG Search for Life Science Analysis Group (SFL-SAG)	Brandi Carrier, JPL	Paul Burke, Laura Rodriguez, Aaron Berliner, Steve Vance	Katherine Dzurilla, Svet Shkolyar	Lajuan Moore, Bradley Burcar
10:00 AM	Invited Talk: Astrobiology and the National Academies Science Strategy for the Human Exploration of Mars	Kathy Mandt, NASA Goddard Space Flight Center	Paul Burke, Laura Rodriguez, Aaron Berliner, Steve Vance, Brandi Carrier	Katherine Dzurilla, Svet Shkolyar	Lajuan Moore, Bradley Burcar
10:15 AM	Coffee Break				
10:30 AM	Focus Area 7: Investment in Astrobiology Physical and Digital Infrastructure	Billy Brazelton	Aaron Regberg, Laura Rodriguez	Lajuan Moore, Daniella Scalice	Becky McCauley Rench, Rebekah Dawson-Rigas
10:45 AM					
11:00 AM	Focus Area 8: Astrobiology Workforce and Early Career Support	Anamaria Berea	Steve Vance, Aaron Regberg	Lajuan Moore, Daniella Scalice	Becky McCauley Rench, Rebekah Dawson-Rigas
11:15 AM					
11:30 AM	Focus Area 9: Astrobiology in Society	Jordan Bimm	Anamaria Berea, Saurja DasGupta	Lajuan Moore, Daniella Scalice	Becky McCauley Rench, Rebekah Dawson-Rigas
11:45 AM					
12:00 PM	Invited Talk: AI/ML and the Future of Astrobiology	Caleb Scharf, NASA Ames Research Center (Virtual)	Billy Brazelton, Anamaria Berea, Jordan Bimm	Rachel Harris, Daniella Scalice	Becky McCauley Rench, Rebekah Dawson-Rigas
12:15 PM	Lunch				
12:30 PM					
12:45 PM					
1:00 PM					
1:15 PM	Breakout Session C: Focus Areas 6 - 9 (4 Groups)	6: Paul Burke		6: Katherine Dzurilla	6: Rebekah Dawson-Rigas
1:30 PM		7: Billy Brazelton		7: Rachel Harris	7: Bradley Burcar
1:45 PM		8: Anamaria Berea		8: Lajuan Moore	8: Becky McCauley Rench
2:00 PM		9: Jordan Bimm		9: Daniella Scalice	9: David Grinspoon
2:15 PM	Coffee Break				
2:30 PM	Report-Out: Focus Area 6	Paul Burke	Laura Rodriguez, Aaron Berliner, Steve Vance	Katherine Dzurilla, Rachel Harris	Bradley Burcar, Rebekah Dawson-Rigas
2:45 PM	Report-Out: Focus Area 7	Billy Brazelton	Aaron Regberg, Laura Rodriguez	Katherine Dzurilla, Rachel Harris	Bradley Burcar, Rebekah Dawson-Rigas
3:00 PM	Report-Out: Focus Area 8	Anamaria Berea	Steve Vance, Aaron Regberg	Katherine Dzurilla, Rachel Harris	Bradley Burcar, Rebekah Dawson-Rigas
3:15 PM	Report-Out: Focus Area 9	Jordan Bimm	Anamaria Berea Saurja DasGupta	Katherine Dzurilla, Rachel Harris	Bradley Burcar, Rebekah Dawson-Rigas
3:30 PM	Final Wrap: Focus Areas 1 - 9	Steve Vance	David Grinspoon	Katherine Dzurilla, Rachel Harris	Daniella Scalice, Lajuan Moore
3:45 PM					
4:00 PM	What Comes Next: Future Planning & Task Force 2	Rachel Harris	David Grinspoon	Bradley Burcar, Svet Shkolyar	Daniella Scalice, Lajuan Moore
4:15 PM	Community Feedback: Future Planning & Task Force 2	Rachel Harris	David Grinspoon	Bradley Burcar, Svet Shkolyar	Daniella Scalice, Lajuan Moore
4:30 PM					
4:45 PM					
5:00 PM	Final Reflections and Workshop Close	David Grinspoon	Rachel Harris	Bradley Burcar, Svet Shkolyar	Daniella Scalice, Lajuan Moore