ExoPAG 30

Location: Rhode Island Convention Center, Providence RIJunior Ballroom 555/556

May 5, 2024 All times EDT (PST -3 hours, UTC -4 hours)

Section 1 (Chair Serial Residual) Welcome - EuriPAD goes and overview of activities Residual (Chair Serial Residual) Residual (EuriPAD goes and overview of activities) Residual (EuriPAD goes and overview) Residual (EuriPAD go	2024					
NASA Neadquarters Explained Explaine	L (Chair: Ilaria P	Pascucci)	<u>Speaker</u>	Time (EDT)	Duration	End
Coplanet Exploration Program (ExPF) Office Day Science w focus on Science day bits to search for life on extrasolar planets Circ Manuglet (SciEPO, JPL/Cattech) DREAK (20 min) SIGS - Explainet / Solar System Synergies VEXAG: the potential for past habitability on Venus and science gaps VEXAG: the potential for past habitability on Venus and science gaps Noam teenberg (VEXAG char, API) 11:35 AM 0:20 MEP AG Mars Exploration Availysis group: searching for life on Mars - science gaps Noam teenberg (VEXAG char, API) 11:35 AM 0:20 MEP AG Mars Exploration Availysis group: searching for life on Mars - science gaps Noam teenberg (VEXAG char, API) 11:35 AM 0:20 MEP AG Mars Exploration Availysis group: searching for life on Mars - science gaps Noam teenberg (VEXAG char, API) 11:35 AM 0:20 Session 1 Identifying Common Scientific Gaps Group Discussion 1: Send group discussion for explore the north pressure sciencific gaps formulate group discussion is to explore the north pressure group group. Participents also propose less for life discussions for explore the north pressure group group and group group. Participents also propose less for life discussions for explore the north pressure group group and group group. Participents also propose less for life interdisciplinary provide proteins group for availage arranged and group with less that group group. Participents also propose less for life interdisciplinary provide provides group group for an availage arranged and group with less that group group. Participents also propose less for life interdisciplinary group for availage arranged and group group. Participents also propose less for life interdisciplinary group for availage group for group grou	Welco	ome + ExoPAG goals and overview of activities	llaria Pascucci (ExoPAG Chair, U. Arizona)	9:30 AM	0:10	9:40 AM
BREAK (20 min) SIGN - Expolared virtual on Science Gap List to search for life on extrasion planets BREAK (20 min) SIGN - Expolared / Solar System System gies VISIAI Meadows (Ex-PO, EV/Cattech) 10.35 AM 0.20 VISIAI Meadows (Ex-PO, SG 3 co-chair, U. Washington) 10.35 AM 0.20 VISIAI Meadows (Ex-PO, SG 3 co-chair, U. Washington) 10.35 AM 0.20 VISIAI Meadows (Ex-PO, SG 3 co-chair, U. Washington) 11.35 AM 0.20 NEP NG Man Septionation Analysis group: searching for life on Mans-science gaps Visial Meadows (Ex-PO, SG 3 co-chair, U. Washington) 11.35 AM 0.20 NEP NG Man Septionation Analysis group: searching for life on Mans-science gaps Victoria Hamilton (MEP AG chair, SWRI) 11.35 AM 0.20 Session 1: Identifying Common Scientific Gaps Session 1: Identifying Common Scientific Gaps Open Discussion - Small group discussion is replace the most promise promote pr	NASA H	Headquarters Exoplanet Exploration Program Focus on interdisciplinary opportunities	Hannah Jang-Condell & John Wisniewski (ExEP, NASA HQ)	9:40 AM	0:20	10:00 AM
BREAK (20 min) SIGS - Englanet / Solar System Synergies VIRIAI Meadows (ExcPAG SIG 3 co chair, U. Washington) 10.55 AM 0.20 VEXAG: the potential for past habitability on Venus and science gaps Noem Izenberg (VEXAG chair, APL) 11.15 AM 0.20 MEPAG Mars Exploration Analyzis group; searching for life on Mars - science gaps Victoria Hamilton (MEPAG chair, SWRI) 11.15 AM 0.20 Session 1: Mentifying Common Scientific Gaps Group Discussion : small group discussion to explore the most pressing scientific gaps within each topic group. Participants also unique strengths and unique strengths of each community. Thems TBA UNICH BREAK (90 min) 2.155 AM 0.30 UNICH BREAK (90 min) 2.155 AM 0.30 UNICH STAR AND	Exopla	lanet Exploration Program (ExEP) Office	Dawn Gelino (ExEPO, JPL/Caltech)	10:00 AM	0:15	10:15 AM
SG3 - Exciplant of Solar System Synergies VEX.NG: the potential for past habitability on Venus and science paps Noam Iterateing (VEX.NG: the potential for past habitability on Venus and science paps Noam Iterateing (VEX.NG: the potential for past habitability on Venus and science paps Noam Iterateing (VEX.NG: the potential for past habitability on Venus and science paps Noam Iterateing (VEX.NG: the potential for past habitability on Venus and science paps Noam Iterateing (VEX.NG: the National Array) (Victoria Hamiliton (NdEP.AG: chair, SVRII)) 1133 AM 020 Session 1: Mentifying Common Scientific Caps Group Discussion 1: Secretific Caps Group Discussion 1: Sec	ExEP S	Science w focus on Science Gap List to search for life on extrasolar planets	Eric Mamajek (ExEPO, JPL/Caltech)	10:15 AM	0:20	10:35 AM
Noam Iterahery (VEXAG: the potential for past habitability on Vienus and science gaps Noam Iterahery (VEXAG: thair, APL) MEPAG Mars Exploration Analysis group: searching for life on Mars-science gaps Victoria Hamilton (MEPAG chair, SWRII) Illis AM 0.20 Session 1: Identifying Common Scientific Gaps Group Discussion is noting group discussion to explore the most pressing scientific gaps with match the other group. Fucusing on overlapping or unique challmages faced by each of the communities represented within the other group. Fucusing on overlapping or unique challmages faced by each of the communities represented within the other group. Fucusing on overlapping or unique challmages faced by each of the communities represented within the other group. Fucusing on overlapping or unique challmages faced by each of the communities represented within the other group. Fucusing on overlapping or unique challmages faced by each of the communities represented within the other group. Fucusing on overlapping or unique challmages faced by each of the communities represented within the other group. Fucusing on overlapping or unique challmages faced by each of the communities represented within the other group. Fucusing on overlapping or unique challmages faced by each of the community of the other shapes faced by each of the communities represented within the other group faced faced from the state of the faced fac	BREA	AK (20 min)		10:35 AM	0:20	10:55 AM
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Session 1: Identifying Common Scientific Gaps	VEXAG	G: the potential for past habitability on Venus and science gaps	Noam Izenberg (VEXAG chair, APL)	11:15 AM	0:20	11:35 AM
Interdisciplinary Exchange 1 Themes TBA Group Discussion : Small group discussion to explore the most pressing scientific gaps within each topic group, focusing an interdisciplinary Exchange 1 UNCH BREAK (90 min) 11:55 AM 1:30	MEPA	AG Mars Exploration Analysis group: searching for life on Mars - science gaps	Victoria Hamilton (MEPAG chair, SWRI)	11:35 AM	0:20	11:55 AM
Speaker NESS overview and WGs focusing on the search for life beyond Earth NESS overview and WGs focusing on the search for life beyond Earth Ofer Cohen (NESS co-lead, UMass Lowell) 1:55 PM 0:30 Cross AG IDEA working group Jessica Noviello (UMBC) 2:25 PM 0:20 OPAG goals in relation to habitability in the outer Solar System Morgan Cable (OPAG Steering Committee, JPL/Caltech) Cross-AG Ocean Worlds Working Group (OWWG) Cross-AG Ocean Worlds Working Group (OWWG) The search for Life in the Solar System Lori Glaze (Director, Planetary Science Division, NASA HQ) 3:25 PM 0:30 Session 2: Exploring Interdisciplinary Opportunities Interdisciplinary Exchange 2 Themes TBA Session 2: Exploring Interdisciplinary Opportunities Each small group briefly presents a summary of their discussion, followed by an all-participants discussion. Interdisciplinary Opportunities Each small group briefly presents a summary of their discussion, followed by an all-participants discussion. Session 2: Exploring Interdisciplinary Opportunities Each small group briefly presents a summary of their discussion, followed by an all-participants discussion. Interdisciplinary Opportunities Each small group briefly presents a summary of their discussion, followed by an all-participants discussion. Session 2: Exploring Interdisciplinary Opportunities Each small group briefly presents a Summary of their discussion. Interdisciplinary Opportunities Each small group briefly presents a Summary of their discussion. Session 2: Exploring Interdisciplinary Opportunities Each small group briefly presents a Summary of their discussion. All Ughtning Talks Session 3: (Cheir, Blanch Explored December 1) Each small group briefly presents a Summary of their discussion. All Lightning Talks Time (EDT) Duration. All Speaker		disciplinary Exchange 1 es TBA	Group Discussion: Small group discussion to explore the most pressing scientific gaps within each topic group, focusing on overlapping or unique challenges faced by each of the communities represented within the topic group. Participants also propose ideas for interdisciplinary collaboration, leveraging the	11:55 AM	0:30	12:25 PM
NESS overview and WGs focusing on the search for life beyond Earth Offe Cohen (NExS co-lead, UMass Lowell) 1:55 PM 0:30 Cross AG IDEA working group Jessica Noviello (UMBC) Cross AG IDEA working group OPAG goals in relation to habitability in the outer Solar System Morgan Cable (OPAG Steering Committee, JPL/Caltech) 2:25 PM 0:20 Cross-AG Ocean Worlds Working Group (OWWG) Cynthia Phillips (JPL/Caltech) and Michael Bland (USGS, Actrogeology Science Center) The search for Life in the Solar System Lori Glaze (Director, Planetary Science Division, NASAHQ) 3:25 PM 0:30 Interdisciplinary Exchange 2 Themes TBA Session 2: Exploring Interdisciplinary Opportunities Each small group briefly presents a summarry of their discussion, followed by an all-participants discussion. 2: Yuy Huang, Boston University Undergrad Arnal Ulies, University of Washington Grad Student Finnegan Keller, Brown University Offed Student Elemoral Alei, NP Fellow, NASAGSKC, Post Doc Miles Currice, University of Washington Grad Loar Chin, Boston University of Grad Student Strang-Min Tsai, UC Riverside Post Doc BREAK (20min) Session 3 (Chair: Ilaria Pascucci) Session 3 (Chair: Ilaria Pascucci) All Sobsteer Time (EDT) Duration All Sobsteer Sobsteer All Sobsteer Sobsteer All Sobsteer All Sobsteer All Sobsteer Sobsteer All Sobsteer All Sobsteer All Sobsteer All Sobsteer Sobste	LUNCH BREAK (90 min)			12:25 PM	1:30	1:55 PM
Cross AG IDEA working group Jessica Noviello (UMBC) OPAG goals in relation to habitability in the outer Solar System Morgan Cable (OPAG Steering Committee, JPL/Caltech) Cross-AG Ocean Worlds Working Group (OWWG) Astrogeology Science Center) The search for Life in the Solar System Lori Glaze (Director, Planetary Science Division, NASAHO) Session 2: Exploring Interdisciplinary Opportunities Interdisciplinary Exchange 2 Themes TBA Session 2: Exploring Interdisciplinary Opportunities Each small group briefly presents a summary of their discussion, followed by an all-participants discussion. Ziyu Huang, Boston University Post Doctoral Anna Ulses, University of Washington Grad Student Finnegan Keller, Brown University Undergrad Garrett Levine, Yale University Grad Student Finnegan Keller, Brown University Grad Student Bernard Chin, Boston University Grad Student Shang-Min Tsai, UC Riverside Post Doc Bernard Chin, Boston University Grad Student Shang-Min Tsai, UC Riverside Post Doc Business Meeting: A Jummary of Common science gaps and cross-divisional opportunities for progress (we need to take notes) B) Discuss New SiGs/SAGS, Discuss Potential New Findings C) Solicit new suggestions for ExEP or ExoPAG action D) Announcements, etc.	ession 2 (Chair: Sarah Peacock)		<u>Speaker</u>	Time (EDT)	<u>Duration</u>	End
OPAG goals in relation to habitability in the outer Solar System Morgan Cable (OPAG Steering Committee, JPL/Caltech) Cross-AG Ocean Worlds Working Group (OWWG) Cynthia Phillips (JPL/Caltech) and Michael Bland (USGS, ASTOgeology Science Center) The search for Life in the Solar System Lori Glaze (Director, Planetary Science Division, NASAHQ) 3:25 PM 0:30 Session 2: Exploring Interdisciplinary Opportunities Interdisciplinary Exchange 2 Themes TBA Session 2: Exploring Interdisciplinary Opportunities Soch small group briefly presents a summary of their discussion, followed by an all-participants discussion. Ziyu Huang, Boston University Post Doctoral Anna Ulses, University of Washington Grad Student Finnegan Keller, Broundergrad Garrett Levine, Yale University of Washington Grad Student Eleonar Alei, NPP Fellow, NASAGSFC, Post Doc Miles Currie, University of Washington Grad Laura Chin, Boston University Grad Student Shang-Min Tsal, UC Riverside Post Doc BREAK (20min) Session 3 (Chair: Ilaria Pascucci) Speaker Time (EDT) Duration 1:00 1:0	NExSS	S overview and WGs focusing on the search for life beyond Earth	Ofer Cohen (NExSS co-lead, UMass Lowell)	1:55 PM	0:30	2:25 PM
Cross-AG Ocean Worlds Working Group (OWWG) Cross-AG Ocean Worlds Working Group (OWWG) The search for Life in the Solar System Lori Glaze (Director, Planetary Science Division, NASA HQ) Session 2: Exploring Interdisciplinary Opportunities Interdisciplinary Exchange 2 Themes TBA Session 2: Exploring Interdisciplinary Opportunities Each small group briefly presents a summary of their discussion, followed by an all-participants discussion. 2 Ziyu Huang, Boston University Post Doctoral Anna Ulses, University of Washington Grad Student Finnegan Keller, Brown University Undergrad Garrett Levine, Play University of Washington Grad Student Eleonora Alei, NPP Fellow, NASA GSFC, Post Doc Miles Currie, University of Washington Grad Lightning Talks BREAK (20min) Session 3 (Chair: Harria Pascucci) Speaker Time (EDT) Duration All 1:00	Cross	AG IDEA working group	Jessica Noviello (UMBC)	2:25 PM	0:20	2:45 PM
The search for Life in the Solar System Lori Glaze (Director, Planetary Science Division, NASA HQ) Session 2: Exploring Interdisciplinary Opportunities Interdisciplinary Exchange 2 Themes TBA Session 2: Exploring Interdisciplinary Opportunities Each small group briefly presents a summary of their discussion, followed by an all-participants discussion. Ziyu Huang, Boston University Post Doctoral Anna Ulses, University of Washington Grad Student Finnegan Keller, Brown University Undergrad Garrett Levine, Yale University of Student Eleonora Alei, NPP Fellow, NASA GSFC, Post Doc Miles Curries'ty of Washington Grad Lightning Talks BREAK (20min) Speaker Time (EDT) Duration Business Meeting: A) Summary of Common science gaps and cross-divisional opportunities for progress (we need to take notes) B) Discuss New SIGS/SAGs, Discuss Potential New Findings C) Solicit new suggestions for EXEP or ExoPAG action D) Announcements, etc.	OPAG	goals in relation to habitability in the outer Solar System	Morgan Cable (OPAG Steering Committee, JPL/Caltech)	2:45 PM	0:20	3:05 PM
Interdisciplinary Exchange 2 Themes TBA Session 2: Exploring Interdisciplinary Opportunities Each small group briefly presents a summary of their discussion, followed by an all-participants discussion. Ziyu Huang, Boston University Post Doctoral Anna Ulses, University of Washington Grad Student Finnegan Keller, Brown University of Washington Grad Student Eleonora Alei, NPP Fellow, NASA GSFC, Post Doc Miles Curry, University of Washington Grad Laura Chin, Boston University Grad Student Shang-Min Tsai, UC Riverside Post Doc BREAK (20min) Speaker Time (EDT) Duration Business Meeting: A) Summary of Common science gaps and cross-divisional opportunities for progress (we need to take notes) B) Discuss New SiGs/SAGS, Discuss Potential New Findings C) Solicit new suggestions for EXEP or ExoPAG action D) Announcements, etc.	Cross-			3:05 PM	0:20	3:25 PM
Interdisciplinary Exchange 2 Themes TBA Each small group briefly presents a summary of their discussion, followed by an all-participants discussion. 2i Yu Huang, Boston University Post Doctoral Anna Ulses, University of Washington Grad Student Finnegan Kelle, Brown University Undergrad Garrett Levine, Yale University of Washington Grad Student Eleonora Alei, NPP Fellow, NASA GSFC, Post Doc Miles Currie, University of Washington Grad Laura Chin, Boston University of Washin	The se	earch for Life in the Solar System	Lori Glaze (Director, Planetary Science Division, NASA HQ)	3:25 PM	0:30	3:55 PM
Anna Ulses, University of Washington Grad Student Finnegan Keller, Brown University Undergrad Garrett Levine, Yale University Grad Student Eleonora Alei, NPP Fellow, NASA GSFC, Post Doc Miles Currie, University of Washington Grad Laura Chin, Boston University Grad Student Shang-Min Tsai, UC Riverside Post Doc BREAK (20min) BREAK (20min) Speaker Time (EDT) Duration Business Meeting: A) Summary of Common science gaps and cross-divisional opportunities for progress (we need to take notes) B) Discuss New SIGs/SAGs, Discuss Potential New Findings C) Solicit new suggestions for EXEP or ExoPAG action D) Announcements, etc.		disciplinary Exchange 2 nes TBA	Each small group briefly presents a summary of their discussion,	3:55 PM	0:20	4:15 PM
Speaker Business Meeting: A) Summary of Common science gaps and cross-divisional opportunities for progress (we need to take notes) B) Discuss New SIGs/SAGs, Discuss Potential New Findings C) Solicit new suggestions for EXEP or ExoPAG action D) Announcements, etc.	Lightn	ning Talks	Anna Ulses, University of Washington Grad Student Filnnegan Keller, Brown University Undergrad Garrett Levine, Yale University Grad Student Eleonora Alei, NPP Fellow, NASA GSFC, Post Doc Miles Currie, University of Washington Grad Laura Chin, Boston University Grad Student	4:15 PM	0:30	4:45 PM
Business Meeting: A) Summary of Common science gaps and cross-divisional opportunities for progress (we need to take notes) B) Discuss New SIGs/SAGs, Discuss Potential New Findings C) Solicit new suggestions for ExEP or ExoPAG action D) Announcements, etc.	BREA	AK (20min)		4:45 PM	0:20	5:05 PM
Business Meeting: A) Summary of Common science gaps and cross-divisional opportunities for progress (we need to take notes) B) Discuss New SIGs/SAGs, Discuss Potential New Findings C) Solicit new suggestions for EXEP or ExoPAG action D) Announcements, etc.	ession 3 (Chair: Ilaria Pascucci)		<u>Speaker</u>	Time (EDT)	Duration	End
Adjourn 6:05 PM	A) Sun progre Findin	ness Meeting: mmary of Common science gaps and cross-divisional opportunities for ress (we need to take notes) B) Discuss New SIGs/SAGs, Discuss Potential New		5:05 PM	1:00	6:05 PM
	Adjou	urn		6:05 PM		
EC Closed Session EC members only 6:15 PM 0:30						