

Pres #	Name	Title	URL
2	Dr Ellen Stofan	Comparative Climates	<a href="https://arc.arc.nasa.gov/p1q15xv6t19/">https://arc.arc.nasa.gov/p1q15xv6t19/</a>
3	(Glaze, Hollingsworth, Domagal-Goldman)	Charge for this Meeting (Glaze, Hollingsworth, Domagal-Goldman)	<a href="https://arc.arc.nasa.gov/p3m39itwb1/">https://arc.arc.nasa.gov/p3m39itwb1/</a>
4	James Kasting (invited)	Long-term Evolution of Earth's Atmosphere and Climate	<a href="https://arc.arc.nasa.gov/p6irhrq2z/">https://arc.arc.nasa.gov/p6irhrq2z/</a>
5	Colin Goldblatt (invited)	The Inhabitation Paradox: How Habitability and Inhabitancy are Inseparable*	<a href="https://arc.arc.nasa.gov/p59i05arzy/">https://arc.arc.nasa.gov/p59i05arzy/</a>
6	Eric Hebrard	Modeling Chemical Uncertainties in Planetary Atmospheres	<a href="https://arc.arc.nasa.gov/p24x4h2shw/">https://arc.arc.nasa.gov/p24x4h2shw/</a>
7	Kevin Zahnle (invited)	Venus on the Verge	<a href="https://arc.arc.nasa.gov/p9yo9dzkz/">https://arc.arc.nasa.gov/p9yo9dzkz/</a>
8	Sarah Stewart (invited)	The Addition and Removal of Volatiles During Terrestrial Planet Formation	<a href="https://arc.arc.nasa.gov/p28gqeslxq/">https://arc.arc.nasa.gov/p28gqeslxq/</a>
9	Lori Glaze	Volcanic Contributions to the Atmosphere from Ancient Flood Basalt Eruptions	<a href="https://arc.arc.nasa.gov/p7d56i8sg36/">https://arc.arc.nasa.gov/p7d56i8sg36/</a>
10	(Moderators: Domagal-Goldman & Kasting)	Discussion	<a href="https://arc.arc.nasa.gov/p6n9mrplfq/">https://arc.arc.nasa.gov/p6n9mrplfq/</a>
11	Carolus Schrijver (invited)	Solar Spectral Irradiance: Lessons from the Stars	<a href="https://arc.arc.nasa.gov/p1yw6s5qemy/">https://arc.arc.nasa.gov/p1yw6s5qemy/</a>
12	Vladimir Airapetian (invited)	Space Weather Effects Mediated by the Paleo-Sun: Prospects for Early Earth Climate and Habitability	<a href="https://arc.arc.nasa.gov/p8rh8emgoc4/">https://arc.arc.nasa.gov/p8rh8emgoc4/</a>
13	John Tarduno (invited)	The Geodynamo and Magnetopause During Earth's First Billion Years	<a href="https://arc.arc.nasa.gov/p7c2wbq9l32/">https://arc.arc.nasa.gov/p7c2wbq9l32/</a>
14	Antígona Segura (invited)	Influence of Chromospheric Activity on the Atmospheric Chemistry of Habitable Planets Around M Dwarfs: The Case of O2	<a href="https://arc.arc.nasa.gov/p3oxco7dtfa/">https://arc.arc.nasa.gov/p3oxco7dtfa/</a>
15	(Moderator: Guhathakurta)	Discussion	<a href="https://arc.arc.nasa.gov/p3oxco7dtfa/?archiveOffset=165">https://arc.arc.nasa.gov/p3oxco7dtfa/?archiveOffset=165</a>
16	Eric Jensen (invited)	Formation of Cirrus Clouds Near the Tropical Tropopause and their Implications for Stratospheric Humidity and Climate	<a href="https://arc.arc.nasa.gov/p867ksaytgs/">https://arc.arc.nasa.gov/p867ksaytgs/</a>
17	Michael Mischna (invited)	Numerical Modeling of the Martian Global Dust Cycle Under the Influence of Orbit-Spin Coupling Accelerations	<a href="https://arc.arc.nasa.gov/p7rodn9k255/">https://arc.arc.nasa.gov/p7rodn9k255/</a>
18	Victoria Hartwick	A Coupled Dust and Water Ice Cloud Microphysics Scheme for Mars	<a href="https://arc.arc.nasa.gov/p60kxkpdst7/">https://arc.arc.nasa.gov/p60kxkpdst7/</a>
19	Giada Arney	Under an Orange Sky: The Many Implications of an Archean Haze for Planetary Habitability	<a href="https://arc.arc.nasa.gov/p4zd180ej1s/">https://arc.arc.nasa.gov/p4zd180ej1s/</a>
20	Yuk Yung (invited)	Is the Low Frequency Variability of the Atmosphere of Venus Caused by Coupled Chemistry, Radiation, and Dynamics?	<a href="https://arc.arc.nasa.gov/p3zwxvzbil/">https://arc.arc.nasa.gov/p3zwxvzbil/</a>
21	Yeon Joo Lee	Net Thermal Flux Profile Calculation of the Venus Atmosphere Below the Clouds	<a href="https://arc.arc.nasa.gov/p1m4slyl7v9/">https://arc.arc.nasa.gov/p1m4slyl7v9/</a>
22	Tyler Robinson (invited)	Completely Colorblind: Advances in Gray Techniques and Applications to Planets Near and Far	<a href="https://arc.arc.nasa.gov/p17lq6gh4/">https://arc.arc.nasa.gov/p17lq6gh4/</a>
23	Hannah Wakeford	Cloud Condensates in Hot Jupiter Exoplanet Atmospheres	<a href="https://arc.arc.nasa.gov/p99k1hd1q7c/">https://arc.arc.nasa.gov/p99k1hd1q7c/</a>
24	(Moderators: Yung & Jensen)	Discussion	<a href="https://arc.arc.nasa.gov/p96d6xt7u3/">https://arc.arc.nasa.gov/p96d6xt7u3/</a>
25	Tom Immel (invited)	Features and Drivers of Large Scale Changes in the Space Environments of Earth and Mars	<a href="https://arc.arc.nasa.gov/p7jta9orxu/">https://arc.arc.nasa.gov/p7jta9orxu/</a>
26	Vladimir Airapetian	Effects of Space Weather from The Young Sun on Atmospheric Escape: Implications for the Early Earth	<a href="https://arc.arc.nasa.gov/p9a9k9qmoxa/">https://arc.arc.nasa.gov/p9a9k9qmoxa/</a>
27	Bruce Jakosky (invited)	Early Results from the MAVEN Mission to Mars	
28	Michael Chaffin	H Escape: The Story at Mars as Revealed by MAVEN and Mars Express	<a href="https://arc.arc.nasa.gov/p58kth6bhvd/">https://arc.arc.nasa.gov/p58kth6bhvd/</a>
29	Dave Brain	MAVEN Measurements of Ion Escape from the Atmosphere of Mars	<a href="https://arc.arc.nasa.gov/p3w0kqjzh2/">https://arc.arc.nasa.gov/p3w0kqjzh2/</a>
30	Amanda Brecht (invited)	Twinkling Lights in the Nightside Upper Atmosphere: How Nightglow Contributes to our Understanding of Global Dynamics	<a href="https://arc.arc.nasa.gov/p90p0n3qhw1/">https://arc.arc.nasa.gov/p90p0n3qhw1/</a>
31	Candace Gray	Under Pressure: The Venusian Aurora and its Connection to the Solar Wind	<a href="https://arc.arc.nasa.gov/p1f1kq6pel/">https://arc.arc.nasa.gov/p1f1kq6pel/</a>
32	Hakan Svedhem	Contribution to Comparative Climatology by Venus Express	<a href="https://arc.arc.nasa.gov/p21q9xj7gd/">https://arc.arc.nasa.gov/p21q9xj7gd/</a>
33	(Moderators: Svedham & Chaffin)	Discussion	<a href="https://arc.arc.nasa.gov/p21q9xj7gd/?archiveOffset=101">https://arc.arc.nasa.gov/p21q9xj7gd/?archiveOffset=101</a>
34	Adam Showman (invited)	Atmospheric Dynamics of Terrestrial and Giant Exoplanets	<a href="https://arc.arc.nasa.gov/p83q914f8u7/">https://arc.arc.nasa.gov/p83q914f8u7/</a>
35	Daniel Koll	Atmospheric Dynamics of Terrestrial Planets in the Era of Comparative Planetology	<a href="https://arc.arc.nasa.gov/p5elr62w843/">https://arc.arc.nasa.gov/p5elr62w843/</a>
36	Alejandro Soto	Meridional Transport in the Atmospheres of Earth and Mars	<a href="https://arc.arc.nasa.gov/p3yup0i7f1/">https://arc.arc.nasa.gov/p3yup0i7f1/</a>
37	Priscilla Nowajewski	Atmospheric Dynamic Response to Obliquity Forcing	<a href="https://arc.arc.nasa.gov/p8quell47s8/">https://arc.arc.nasa.gov/p8quell47s8/</a>
38	Fachreddin Tabataba-Vakil	Effects of Diurnal Cycles on Planetary Circulation Regimes of Terrestrial Atmospheres Using Simple GCMs	<a href="https://arc.arc.nasa.gov/p5gdk4xys18/">https://arc.arc.nasa.gov/p5gdk4xys18/</a>
39	Jonathan Mitchell (invited)	The Influence of Moisture and Seasons in Climates of Terrestrial Planets: Lessons from Earth, Titan and Beyond	<a href="https://arc.arc.nasa.gov/p8l23vng04/">https://arc.arc.nasa.gov/p8l23vng04/</a>
40	Sebastien Lebonnois	A Comparative Study of Wave Activity in the Region of Maximum Zonal Wind in the IPSL Venus and Titan GCMs	<a href="https://arc.arc.nasa.gov/p2kvd6t0wkm/">https://arc.arc.nasa.gov/p2kvd6t0wkm/</a>
41	Sean Faulk	The Effect of Rotation Rate on Seasonally Migrating Tropical Precipitation Zones on Terrestrial Planets	<a href="https://arc.arc.nasa.gov/p5i5d3spnyd/">https://arc.arc.nasa.gov/p5i5d3spnyd/</a>
42	Scott Guzewich	Comparing the Polar Vortices of Earth and Mars	<a href="https://arc.arc.nasa.gov/p3r1x18je8f/">https://arc.arc.nasa.gov/p3r1x18je8f/</a>
43	(Moderators: Hollingsworth & Soto)	Discussion	<a href="https://arc.arc.nasa.gov/p6zo9jq0ekkk/">https://arc.arc.nasa.gov/p6zo9jq0ekkk/</a>
44	Ralph Lorenz (invited)	Comparative Climatology : Aeolian Processes	<a href="https://arc.arc.nasa.gov/p16w20jlspl/">https://arc.arc.nasa.gov/p16w20jlspl/</a>
45	Scot Rafkin (invited)	Mesoscale Processes and Dynamics of Earth, Mars and Titan: Variation on a Theme	<a href="https://arc.arc.nasa.gov/p7csf42pdll/">https://arc.arc.nasa.gov/p7csf42pdll/</a>
46	Murali Natarajan	Intercomparison of Martian Lower Atmosphere Simulated Using Different Planetary Boundary Layer Parameterization Schemes	<a href="https://arc.arc.nasa.gov/p8xi63jmm1/">https://arc.arc.nasa.gov/p8xi63jmm1/</a>
47	Cecilia Leung	Mesoscale Atmospheric Modeling of Hydrological and Dust Processes in the Present Climate on Mars	<a href="https://arc.arc.nasa.gov/p5loz1j3sn/">https://arc.arc.nasa.gov/p5loz1j3sn/</a>
48	Alexandre Kling	Past and Present Circulations Inside Gale Crater: Implications for the Geological Framework Observed by MSL	<a href="https://arc.arc.nasa.gov/p494q3zrllec/">https://arc.arc.nasa.gov/p494q3zrllec/</a>
49	(Moderator: Titus)	Discussion	<a href="https://arc.arc.nasa.gov/p7l3f7z0urd/">https://arc.arc.nasa.gov/p7l3f7z0urd/</a>
50	Nicolas Cowan (invited)	Deep Water Cycling and the Surface Character of Terrestrial Planets	<a href="https://arc.arc.nasa.gov/p89efbvcc2n/">https://arc.arc.nasa.gov/p89efbvcc2n/</a>
51	Nancy Kiang	Climate of Earth-like Planets with and without Ocean Heat Transport Orbiting a Range of M and K Stars	<a href="https://arc.arc.nasa.gov/p3hu4sruslp/">https://arc.arc.nasa.gov/p3hu4sruslp/</a>
52	Linda Sohl (invited)	The Evolution of Proterozoic Snowball Earth Episodes in a 3D Climate Model	<a href="https://arc.arc.nasa.gov/p911s19g2cb/">https://arc.arc.nasa.gov/p911s19g2cb/</a>
53	Candice Hansen (invited)	The Drama of Climates and Seasons on Mars, Triton, and Pluto	<a href="https://arc.arc.nasa.gov/p6n9mrppan3/">https://arc.arc.nasa.gov/p6n9mrppan3/</a>
54	Angela Zalucha	Condensation Flows and Frost Cycles on Bodies with Volatile Atmospheres: The Case of Pluto, Triton, and Mars	<a href="https://arc.arc.nasa.gov/p1nju6o20ii/">https://arc.arc.nasa.gov/p1nju6o20ii/</a>
55	(Moderator: Forget)	Discussion	<a href="https://arc.arc.nasa.gov/p1nju6o20ii/?archiveOffset=102">https://arc.arc.nasa.gov/p1nju6o20ii/?archiveOffset=102</a>
56	Francois Forget (invited)	The Future of Planetary Global Climate Modeling	<a href="https://arc.arc.nasa.gov/p7sdwfmoxas/">https://arc.arc.nasa.gov/p7sdwfmoxas/</a>
57	Paul Ullrich (invited)	Recent Advances in the Development of Next-Generation Global Modeling Systems	<a href="https://arc.arc.nasa.gov/p9og00lefb4/">https://arc.arc.nasa.gov/p9og00lefb4/</a>
58	Jun Yang	Where is the Inner Edge of the Habitable Zone of the Sun and M dwarfs?	<a href="https://arc.arc.nasa.gov/p8n83okf5xp/">https://arc.arc.nasa.gov/p8n83okf5xp/</a>
59	Scot Rafkin	Towards an International Exploration Program for Mars and Venus In Situ Climate Science	<a href="https://arc.arc.nasa.gov/p4oq7jfr56j/">https://arc.arc.nasa.gov/p4oq7jfr56j/</a>
60	Bruce Wielicki (invited)	Climate Change Accuracy: Requirements and Economic Value	<a href="https://arc.arc.nasa.gov/p7u5pehln7x/">https://arc.arc.nasa.gov/p7u5pehln7x/</a>
61	Stephen Kane (invited)	Retrieval of Planetary Rotation and Albedo from DSCOVR data	<a href="https://arc.arc.nasa.gov/p7quuxz4uo/">https://arc.arc.nasa.gov/p7quuxz4uo/</a>
62	Shawn Domagal-Goldman	Future of Exoplanet Climate Observations	<a href="https://arc.arc.nasa.gov/p4q10eenv3o/">https://arc.arc.nasa.gov/p4q10eenv3o/</a>
62B		Discussion	<a href="https://arc.arc.nasa.gov/p3pa42dolq9/">https://arc.arc.nasa.gov/p3pa42dolq9/</a>
63	Madhulika [Lika] Guhathakurta	Introduction to Path Forward Panel Discussion	<a href="https://arc.arc.nasa.gov/p2zekbhuhd/">https://arc.arc.nasa.gov/p2zekbhuhd/</a>
64	(Panel: Guhathakurta, Ocampo, Eckman, Still)	Discussion	<a href="https://arc.arc.nasa.gov/p3m39iu23fi/">https://arc.arc.nasa.gov/p3m39iu23fi/</a>