Media Tip Sheet

Selected presentations by topic

Brought to you by the AGU Media Relations Team



Topic	Session Date	Session Start (Pacific Standard Time)	Session Type			
Climate	How Does Whole-Ecosystem Warming Alter Plant Fine-Root and Fungal Mycelium Dynamics in a Boreal Peat Bog?					
	7-Dec Monday	4:00:00	Poster			
	High-Resolution Detec	ction and Attribution for Extreme Precipitation over the	Contiguous United			
		4:00:00	Poster			
	Methane emissions from	om coal mining are growing				
		5:30:00	eLightning			
	Rain-on-snow events watersheds	can lead to an intensification of late summer hydrologica	al drought in Great Lakes			
	8-Dec Tuesday	4:00:00	Oral			
	More Weather or More	e Water: What is Driving Increases in Extreme Precipitat	ion?			
		4:00:00	Poster			
	Observations and clim the magnitude increas	ate models confirm extreme precipitation events are hases significantly	ippening more often and			
		4:00:00	Poster			
	Making Climate Action Count: Lessons learnt from engendering communities' resilience across East Africa vulnerable populations and landscapes					
		4:00:00	Poster			
		y of Forecast-Informed Reservoir Operations (FIRO) in Vivers Are Key to Both Water Supply and Flooding: Sumrons				
		4:00:00	Poster			
	Associations among to lapse camera network	opography, snowmelt, and plant green-up phenology, re	vealed through a time-			
		4:00:00	Poster			
	Survival of the Deepest? Peat Depth as a Control on Peatland Hydraulic Structure and Pore-water Residence Time					
		10:30:00	eLightning			
	· · · · · · · · · · · · · · · · · · ·	hat worked and what did not. A 200-year record from 18 documents pertaining to semi-arid regions of peninsula				
		20:30:00	Oral			
		re the Most Uncertain but Potentially Largest Source of				
	9-Dec Wednesd	ay 4:00:00	Poster			

Topic	Session Date	Session Start (Pacific Standard Time)	Session Type
Climate	Projected potential fish dist	tribution under climate change in a heavily regulate	ed, fragmented river
	9-Dec Wednesday	4:00:00	Poster
	Hydrate Bodies Big Enough	to Look Like Allochthonous Salt in the Mexican Ri	dges, Gulf of Mexico
		4:00:00	Poster
	Indubitable and Dubious Cli historical determinants	mate Induced Migrations: An examination of the na	arratives, and key
		5:30:00	Oral
	Atmospheric rivers in the P	ETM: Importance for cool season precipitation	
	10-Dec Thursday	4:00:00	Poster
	Exploration of Global Spation Shrubs Using VIIRS Phenology	otemporal Changes of Fall Foliage Coloration in De ogy Product	ciduous Forests and
		4:00:00	Poster
	Fabrication of Reactive Roc	cks with 3D Printing	
		4:00:00	Poster
	Changes in Fire Potential ar Projections of 1.5 °C, 2.0 °C	nd Extreme Downslope Winds in California under G c, and 3°C	ilobal Warming
		17:30:00	Oral
	Maximum latewood density Mountains, California	records of Great Basin Bristlecone pine (Pinus Loi	ngaeva) in the White
	11-Dec Friday	4:00:00	Poster
	Northern Great Barrier Reer runoff from the last 250 year	f coral documents seasonal ocean temperature, sa ars	llinity, productivity and
		4:00:00	Poster
	Warmer and More Volatile:	Summertime Temperature Variance Increases Und	der Climate Change
		4:00:00	Poster
	An inter-comparison of tour study	rism climate indices in the Southern United States:	A national park case
		4:00:00	Poster
	Tree Rings Reveal Multi-cer	ntury Snowpack Dynamics of the Cascade Range, I	<u>USA</u>
		4:00:00	Poster
	Multidecadal trends and int remote sensing	eractions in land disturbance regimes across Califo	ornia from time series
		4:00:00	Poster
	Integrating in situ and satell Patagonia, Argentina	lite-based observations to unravel a mass mortality	y event of mussel beds in
		4:00:00	Poster

Topic	Session Date	Session Start (Pacific Standard Time)	Session Type
Climate	The return of the Eastern Eur	ropean carbon sink	
	11-Dec Friday	5:30:00	Oral
	Fugitive methane from aband	doned oil and gas infrastructure	
		7:00:00	Oral
	Methane and Nitrogen Oxide Mexico	s Emissions from the Offshore Oil and Gas Supp	ly Chain in the U.S. Gulf of
		7:00:00	Oral
	Climate Sensitivity Increases	Under Higher CO2 Levels Due to Feedback Tem	
		10:30:00	Oral
	The role of soil moisture in pr since 1500 and implications f	omoting atmospheric ridges that cause flash dro for a warming world	oughts in the central U.S.
		19:00:00	Oral
	Regional shifts in paleohurric sediment records in the Baha	ane activity over the past 1500 years reconstructions Archipelago	cted from blue hole
		19:00:00	Oral
	Concentration of Global Fishi	ing Effort with Climate Change	
		20:30:00	Oral
	Controlling Factors of Global		01
	14-Dec Monday	4:00:00	Oral
	Australia	ge and variability to the 2019/20 Black Summer	megatires in southeast
		4:00:00	Oral
	Can tidal-stream turbines por	wer the Blue Economy?	
		4:00:00	Poster
	Projected Changes of Winter	time Extra-tropical Storm Activity over North Ar	merica in the 21st Century
		4:00:00	Poster
	<u>Future changes in the Freque</u>	ency of Winter Snowstorms over North America.	
		4:00:00	Poster
	I oward a discrimination betweentrapped in ancient glacier i	veen anthropogenic and natural nanoparticles of ce	atmospheric origin
		4:00:00	Poster
	The Impacts of Rapid Climate	e Change on Mass Movements in Denali National	
		7:00:00	Poster
	<u>Understanding the Impacts o</u> <u>United States</u>	of Climate Change on "Billion-dollar Disaster" Pre	cipitation Events in the
		16:00:00	Oral

Topic	Session Date	Session Start (Pacific Standard Time)	Session Type
Climate		e design as a planetary green security system: C stainability, resilience, multifunctionality, and eco	
	15-Dec Tuesday	4:00:00	Poster
	Topographical patterns of tro	pical forest loss in the early 21st century	
		4:00:00	Poster
	Increased Risk of Cold Damag Considering Winter Season D	ge to Grapevines in spite of Warmer Temperature ynamics.	es: Importance of
		4:00:00	Poster
	Soil moisture-driven increases	s in hot and dry days in the American West	
		4:00:00	Poster
	Process Oriented Diagnostics Climate	for High Frequency Impact Events: Bringing the	Weather Scale to
		5:30:00	Oral
	Developing a forecasting mod	lel of droughts' impacts on food security for final	ncial decision-making
		19:00:00	Oral
	Climate-driven limits to future	e carbon storage in California's wildland ecosyste	<u>ems</u>
	16-Dec Wednesday	4:00:00	Poster
	Heat stress will more strongly climate change	affect global wheat yields than drought stress u	nder 21st century
		5:30:00	Oral
		salmon spawning habitat in southern Alaskan w ver discharge and water temperature	atersheds based on
		11:30:00	Oral
	The carbon cycle of southeast	t Australia during 2019/2020: Drought, fires and	subsequent recovery
		11:30:00	Oral
	Increased risk of the 2019 Ala	skan July fires due to anthropogenic activity	
		17:30:00	Oral
		n Pole during the winter period 2019-2020 and in	•
	17-Dec Thursday	4:00:00	eLightning
	Integrating Solar and Wind Po		
	0	7:00:00	eLightning
COVID-19		npact on PM2.5 Concentration as a Result of Inde	
	7-Dec Monday	4:00:00	Poster
	Investigating Significance of A European Countries	Aerosols in Determining Coronavirus Fatality Rat	e Among Three
		4:00:00	Poster

Topic	Session Date	Session Start (Pacific Standard Time)	Session Type
COVID-19	Interaction between COVID-	-19 and natural disasters: results from an agent-bas	sed epidemiology model
	7-Dec Monday	4:00:00	Poster
	A SARS-CoV-2-Containing A Airborne Transmission	Aerosol Settling Time Model Supports the Significa	nt Role of Indirect
		10:30:00	eLightning
	Measurements of Volatile O	rganic Compounds in Boulder, Colorado, During the	e COVID-19 Lockdown
	8-Dec Tuesday	4:00:00	Poster
	The Dynamics of Covid-19: \	Weather, Demographics and Infection Timeline	
		4:00:00	Poster
	Aerosols Reduction during t Range in China	the COVID-19 Pandemic Substantially Increased Diu	<u>urnal Temperature</u>
		4:00:00	Poster
	COVID-19 impacts on snow	albedo in the Indus River Basin	
		4:00:00	Poster
	Battling COVID-19 from Spa Marble Product Suite	ace: Cross-Scale Changes in Urban Activity Capture	ed by NASA's Black
		7:00:00	Oral
	Environmental factors and C	COVID-19: preliminary findings from China	
		19:00:00	Oral
		lioxide growth due to the Coronavirus pandemic ob	
	9-Dec Wednesday	4:00:00	Oral
	Airborne Measurements of A Phase	Aerosols and Trace Gases over Europe during the C	
		4:00:00	Oral
	COVID-19 Shutdown Reveal	ls Patterns of Environmental Injustice in Minnesota	
		4:00:00	Poster
	Lockdown due to COVID-19	: An opportunity to understand influence of anthrop 4:00:00	oogenic activities Poster
	Disproportionate Impacts of	f the COVID-19 Economic Slowdown on Air Pollutio	on in the U.S.
		4:00:00	Poster
	Impact of COVID-19 state-w Basin using the Purple Air lo	vide stay-at-home phase on the PM2.5 mass conce w cost sensor network	ntrations in Los Angeles
		4:00:00	Poster
	Indoor Air Quality Resulting	from Increased Usage of Household Cleaning Prod	ucts during COVID-19
		4:00:00	Poster

Topic	Session Date	Session Start (Pacific Standard Time)	Session Type
COVID-19		ial Causes of the Significant Decrease in the Lower-Turing COVID-19 Pandemic	Tropospheric Baseline 03
	9-Dec Wednesday	4:00:00	Poster
	Impact of COVID19 on Di	isease Surveillance and Reporting	
		5:30:00	eLightning
	Ozone Changes Over the	e United States Due to COVID-19	
		19:00:00	Oral
	CO2 Concentrations Rec	duction Influenced by Traffic in Beijing due to COVID	
	NOv we desertions designs C	20:30:00	Oral
	NOX reductions during C	OVID-19: Has ozone chemistry in the Los Angeles ar 20:30:00	Oral
	Impact of COVID-19 Glob	bal Shutdown on Earth's Radiation Budget	Orai
	10-Dec Thursday	4:00:00	Poster
	,	luctions during the COVID-19 Pandemic on Aircraft-i	
	Radiative Effects		
		4:00:00	Poster
	Impacts of Coronavirus-o	driven Reduction in Aerosols on Precipitation in the	Western United States
		4:00:00	Poster
	The effect of COVID-19 of	on sales revenue in Seoul, South Korea: A Spatial Par	
		4:00:00	Poster
		e-wide stay-at-home phase on the ambient Volatile C ern California communities.	Organic Compound
	genreeme ar godene	4:00:00	Poster
	Minimal Climate Impacts the COVID-19 Pandemic	s from Short-lived Climate Forcers Following Emissio	n Reductions Related to
		7:00:00	Oral
	Assessing COVID-19 env	vironmental impacts through remote sensing	
		10:30:00	Oral
	Lessons from Small Busi COVID-19 Pandemic	inesses for Natural Disaster Resilience Planning and	Recovery During the
	11-Dec Friday	4:00:00	Oral
	Air Quality Assessment in	n São Paulo, Brazil during Covid-19 pandemic: links b	petween isolation rates
	and pollutants		
		16:00:00	eLightning
		ON BY SMALL DROPLETS	Б
	14-Dec Monday	4:00:00	Poster

Topic	Session Date	Session Start (Pacific Standard Time)	Session Type			
COVID-19	Improved in air quality during covid-19 period: a scenario for AOD and Ozone trends over major cities of India.Priyanshu Gupta1, Sunita Verma1, R Bhatla2, and Swagata Payra31. IESD, BHU Varanasi-221005 Uttar Pradesh, India2.Department of Geophysics, BHU.3					
	14-Dec Monday	4:00:00	Poster			
	Quantifying the Health Impa Assessments of the West Co	ct of "Shelter in Place" Policies from NO2 Emissio oast of the United States	ns: An Empirical			
		4:00:00	Poster			
		2 emissions from reduced transportation volumes I health vulnerabilities of urban populations	s in US cities during			
		4:00:00	Poster			
	Exploring the role of particul	late matter as a carrier of SARS-CoV-2 in USA citie 4:00:00	es Poster			
	Reproducibility, Scientific Int	tegrity, and Public Engagement in the Age of Digit	al Misinformation and			
		11:30:00	Oral			
	Concurrent Disasters in a Ch the Face of Uncertainty	nanging Climate: How Science can Guide Climate-F	Resilient Investments in			
		16:00:00	Oral			
	•	nd COVID-19 Risks in the United States				
	15-Dec Tuesday	4:00:00	Poster			
	Now we're cooking: How do	activities in the home impact exposure? 4:00:00	Poster			
	AgMIP Food Shock Protocol	ls: COVID-19 and Climate Change				
		11:30:00	Oral			
		s on global inland fisheries, fishers, and fish catch				
	16-Dec Wednesday	8:30:00	Oral			
		e Food Access Issues and its Relevance to Health chniques for Spatial Variability.	<u>EITECTS USING</u>			
		8:30:00	Oral			
Earth's History, Interior and Life	Exploring the transition from	n prebiotic chemistry to biology using molecular as	ssembly theory			
	7-Dec Monday	4:00:00	Oral			
	Sonification and Machine Le	earning Contribute to a Novel Assay of Bacterial Sv				
	N. II.O. II. I.O.	4:00:00	Oral			
	North Carolina's Seneca Gur	ns: the Myth and Observation 4:00:00	Poster			

Topic	Session [Date	Session Start (Pacific Standard Time)	Session Type
Earth's History, Interior and Life	Autonomo	ous Vibrational Anal	lysis and Insect Behavioral Manipulation With Pie	<u>d Piper</u>
	7-Dec	Monday	4:00:00	Poster
	<u>Did agricu</u>	lture beget agricult	ture during the past several millennia? 4:00:00	Poster
	Diel Patter	rns of Bocaccio Roc	ckfish Communication	
			4:00:00	Poster
			le of Chitin Deposition in the Shuram-Wonoka δ1.	
	8-Dec	Tuesday	4:00:00	Poster
	Examining Earth histo	•	ing in microbial mat lithification and stromatolite	abundance through
			16:00:00	Oral
	A hot early constraint	_	Archean and Proterozoic temperature history und	der different geological
	9-Dec	Wednesday	4:00:00	Poster
		nduced ENSO occur on experiments.	rrences: an integrated assessment using targeted	d paleoclimate data
			4:00:00	Poster
	Holocene	Regional Ice Histor	y of Southwest Greenland: Driver of Viking Out-M	ligration?
			4:00:00	Poster
	Inner Core	Rotation Captured	d by Earthquake Doublets and Twin Stations	
			4:00:00	Poster
	Water-ind	uced Diamond Forr	mation at the Earth's Core-Mantle Boundary	
			4:00:00	Poster
	A Plan For	Detecting Evidenc		
			16:00:00	Oral
	<u>Physical R</u>	ecords of Ocean Ac	cidification in the Geological Record	
	DI 611		19:00:00	Oral
			and Southern Rocky Mountain Region: A Synthes ard Using Temperature-Based Elevation Proxies	is of Paleoelevation
	10-Dec	Thursday	4:00:00	Oral
		-	idal Deposits Near the Crest of the Central Baja Crustal Motions and Genetic Divergence	alifornia Peninsula: A
			4:00:00	Oral

Topic	Session D	ate	Session Start (Pacific Standard Time)	Session Type
Earth's History, Interior and Life	Can the Ce	enozoic marine mic	ropaleontological record be used to predict extino	tion?
	10-Dec	Thursday	4:00:00	Poster
	A Quantita	<u>itive Paleoclimatic l</u>	<u>History of the Southern Great Basin Since the Mid</u>	<u>dle Miocene</u>
			4:00:00	Poster
		•	Hidden Hotspot Track of the Emeishan Large Igne g of the Capitanian Mass Extinction	ous Province and its
			4:00:00	Poster
	Fire respon	nse to changes in h	ydroclimate and vegetation in Pleistocene East A	<u>frica</u>
			4:00:00	Poster
		an Climate Variabili From Organic Geoch	ty Through a Major Faunal Transition at 550 to 25 hemical Proxies	<u> 0 ka: Preliminary</u>
			4:00:00	Poster
	A New Insi	ght of the Sahara F	Formation and Paleoclimate Evidence	
			4:00:00	Poster
	Animal Oc	<u>currence Probabilit</u>	ty and Power Outage Risk in ISO New England	
			10:30:00	Oral
	Squids, Sn	ails, and Shellfish: F	How Oxygen Affected Molluscan Body Size in the O	
			16:00:00	Poster
	_		Beaver in Northeastern Coastal Watersheds Using he Implications for Biogeochemical Fluxes	g High-Resolution
	11-Dec	Friday	4:00:00	Poster
	Abrupt clin	nate change, hurric	canes, and the rise and fall of a Taíno village	
		-	4:00:00	Poster
	Morpholog	gy of a new system	of glaciovolcanic caves—Mount St. Helens, Washi	ngton, USA
			4:00:00	Poster
	Ecoacoust	<u>ic recordings captu</u>	ure animal population and community changes over	<u>er time</u>
			16:00:00	Oral
		· ·	pace: Combining satellite remote sensing and in sit ovement ecology in relation to ocean salinity and c	
			16:00:00	Oral
			zation of Atlantic Halibut (Hippoglossus hippogloss nted with Seafloor Video Observations	sus) Habitats with
	14-Dec	Monday	4:00:00	Poster

Topic	Session D	Date	Session Start (Pacific Standard Time)	Session Type
Earth's History, Interior and Life	Testing Au	ustralian megafaun	al avian eggshells for 230Th/U burial dating	
	14-Dec	Monday	8:30:00	Oral
			needle-shaped magnetofossils in Paleocene-Eoce	ne Thermal Maximum
	Sealments	s using nign-resolut	tion, low-noise FORC measurements 8:30:00	Oral
	Younger D	rvas cooling began	n with a series of eruptions in Iceland followed by ar	
	Touriger b	ryus coomig begur	16:00:00	Oral
	A tectonic	ally active early Ear	rth driven by the tidal recession of the Moon	
			19:00:00	Oral
	The streng	gth of the Earth's m	nagnetic field from Pre-Pottery Neolithic Jordan	
	15-Dec	Tuesday	4:00:00	Poster
	Wave and rims	current controls or	n the formation and steady-state maintenance of d	eep reef flats on atoll
			4:00:00	Poster
			ally Dated Burnt Structures in the Southern Levant: on Age Anomaly and the Timing of Geomagnetic Sp	
			4:00:00	Poster
	Climate as	a driver for Homin	in Evolution	
			5:30:00	eLightning
	Dynamic C Compositi		erer Model Reveals Key Role of Seasonality in Popu	<u>ulation Density via Diet</u>
			5:30:00	eLightning
			inge and Human Presence in the Eastern Sahara: Eved with the Paleolithic, Mesolithic and Neolithic in S	
			5:30:00	eLightning
	Hunting for Archipelag		A 10Be-Based Deglacial Chronology from the Nort	<u>hern Alexander</u>
			5:30:00	eLightning
		ttlements and clima om Vanuatu	atic changes in Remote Oceania over the last miller	nnium: Multi-proxy
			5:30:00	eLightning
	Sedimenta	ary ancient DNA an	d molecular evidence for pre-Norse occupation of	the Faroe Islands
			5:30:00	eLightning
	The Origin	of Modern Atolls: (Challenging Darwin's Deeply Ingrained Theory	
			16:00:00	Oral

Topic	Session D	ate	Session Start (Pacific Standard Time)	Session Type
Earth's History, Interior and Life	Ocean Bott	tom Seismometers	for Passive Acoustic Monitoring of Baleen Whal	<u>les</u>
	15-Dec	Tuesday	19:00:00	Oral
	Catching Fi		idence suggests hominin-controlled fire during	the Pleistocene in the
	16-Dec	Wednesday	4:00:00	Poster
	SAR-based	d detection of buried	d ruins: present possibility and uncertainties	
			4:00:00	Poster
	Quantifying	g post-glacial biotic	velocities of tree taxa from fossil pollen records	
			4:00:00	Poster
	<u>Decipherin</u>	g the "Dissolved": E	cological Roles of Aquatic Viruses	
	O a vila a va O v	ala Danasana Affant	17:30:00	Oral
	<u>Carbon Cyc</u>	cie Recovery After t	the Cretaceous-Paleogene Mass Extinction: a Te 20:30:00	Oral
Environmental Health	Assessing Vineyards	the Utility of Histori	c NASA Imaging Spectroscopy Data to Detect P	
	7-Dec	Monday	4:00:00	Poster
		-	4:00:00 s of United States Nuclear Power Plant Closures	
		-		
	Air Quality	and Climate Impact	s of United States Nuclear Power Plant Closures 7:00:00 of June 2020: Impacts of Air Quality in the Greate	<u>e</u> Lightning
	Air Quality	and Climate Impact African Dust Event o	s of United States Nuclear Power Plant Closures 7:00:00 of June 2020: Impacts of Air Quality in the Greate	<u>e</u> Lightning
	Air Quality "Godzilla" A Gulf of Mex	and Climate Impact African Dust Event o	s of United States Nuclear Power Plant Closures 7:00:00 of June 2020: Impacts of Air Quality in the Greate States	eLightning er Caribbean Basin, the Oral
	Air Quality "Godzilla" A Gulf of Mex	and Climate Impact African Dust Event o	s of United States Nuclear Power Plant Closures 7:00:00 of June 2020: Impacts of Air Quality in the Greate States 7:00:00	eLightning er Caribbean Basin, the Oral
	"Godzilla" A Gulf of Mex Mini Ozone 8-Dec Combing R	and Climate Impact African Dust Event of African Dust Event of African Dust Event of African Dust Event of Bust Inc. Holes Due to Dust Inc. Tuesday	7:00:00 of June 2020: Impacts of Air Quality in the Greate States 7:00:00 Release of Iodine in the Remote Tropical Free Tropical	eLightning er Caribbean Basin, the Oral roposphere Oral
	"Godzilla" A Gulf of Mex Mini Ozone 8-Dec Combing R	African Dust Event of Dust	7:00:00 of June 2020: Impacts of Air Quality in the Greate States 7:00:00 Release of Iodine in the Remote Tropical Free Tropical	eLightning er Caribbean Basin, the Oral roposphere Oral
	Mini Ozone 8-Dec Combing R Reproducti	African Dust Event of Rico and the United States and United States	7:00:00 of June 2020: Impacts of Air Quality in the Greate States 7:00:00 Release of Iodine in the Remote Tropical Free Tropi	eLightning er Caribbean Basin, the Oral roposphere Oral curity and Women's Poster
	Mini Ozone 8-Dec Combing R Reproducti	African Dust Event of African Dust Event of Rico and the United State Holes Due to Dust Dust Dust Dust Dust Dust Dust Dust	7:00:00 of June 2020: Impacts of Air Quality in the Greate States 7:00:00 Release of Iodine in the Remote Tropical Free Tropi	eLightning er Caribbean Basin, the Oral roposphere Oral curity and Women's Poster Threats in the Arctic Poster
	Mini Ozone 8-Dec Combing R Reproducti Understand	African Dust Event of African Dust Event of Rico and the United State Holes Due to Dust Dust Dust Dust Dust Dust Dust Dust	7:00:00 7:00:00 7:00:00 7:00:00 7:00:00 7:00:00 7:00:00 Release of Iodine in the Remote Tropical Free Transported A:00:00 ta and Health Surveys to Investigate Food Insectorica 4:00:00 g to Global Health Security Risks from Microbial 4:00:00	eLightning er Caribbean Basin, the Oral roposphere Oral curity and Women's Poster Threats in the Arctic Poster
	"Godzilla" A Gulf of Mex Mini Ozone 8-Dec Combing R Reproducti Understand The Combithe United 9-Dec Severe wea	African Dust Event of Rico and the United States Wednesday Tuesday Adding and Responding and Responding and Responding States Wednesday The states of Heat States Wednesday The states of Heat Sta	7:00:00 7:00:00 7:00:00 7:00:00 7:00:00 7:00:00 8 June 2020: Impacts of Air Quality in the Greate States 7:00:00 Release of Iodine in the Remote Tropical Free Transported A:00:00 1 ta and Health Surveys to Investigate Food Insection 1 4:00:00 1 g to Global Health Security Risks from Microbial 1 4:00:00 1 Humidity Extremes on Mortality Risks in Major (1)	eLightning er Caribbean Basin, the Oral roposphere Oral curity and Women's Poster Threats in the Arctic Poster Cities in the Sun Belt of eLightning

Topic	Session D	ate	Session Start (Pacific Standard Time)	Session Type
Environmental Health	Mercury ex	kposure in fish from	n US national parks	
	10-Dec	Thursday	4:00:00	Poster
	PFAS Distr	ribution in Contami	nated Soils and Impact on Rhizosphere and Plant Mi	<u>crobiota</u>
			7:00:00	Oral
	Heat and H	lealth: Using physic	ological evidence to build resilience to a warming pla	net
			7:00:00	Oral
	How Safe a	are United States P	ublic Water Supply Systems?	
			20:30:00	Oral
	Another Su	urprising Turn in the	e Global Emission of CFC-11	
	11-Dec	Friday	4:00:00	Oral
	Deriving a	global infant morta	lity pollution response curve for developing countrie	<u>es</u>
			4:00:00	Poster
	Cardioresp	piratory health impa	acts of wildfire smoke in Alaska	
			16:00:00	eLightning
			PM2.5 Exposure In Megacity Delhi: Spatially Disaggrosure Assignment	regated v/s
	14-Dec	Monday	4:00:00	Poster
	Capping a s		vater lagoon: preliminary evaluation of water quality	impacts in eastern
			4:00:00	Poster
			020 PINNIPED UNUSUAL MORTALITY EVENT ALC	NG THE
	NORTHEA	ST COAST THROU	GH AERIAL SURVEY DATA	D 1
	A 10 V		4:00:00	Poster
	United State		<u>alysis of West Nile Virus Infection in Culex Mosquito</u>	es of the Midwestern
			10:00:00	eLightning
	Concentra:	ted animal feeding	operation liquid manure application patterns: Insigh	ts from remote
	201101112		20:30:00	Oral
	When smo smoke exp		a long-term health impact assessment of acute and	chronic wildfire
	15-Dec	Tuesday	7:00:00	eLightning
	Excess Ast	thma Events from F	Future Wildfires in the Western US: A Health Impact	<u>Assessment</u>
			7:00:00	eLightning

Topic	Session D	ate	Session Start (Pacific Standard Time)	Session Type
Environmental Health	Hand hygie pandemic	ene in a changing wa	ater world: ensuring "water and sanitation for all" i	n the context of a
	15-Dec	Tuesday	10:00:00	Oral
	<u>δ42/44Ca)</u>	and radiogenic isot	entrations and mass-dependent (δ180, δ13C, δ15) topic compositions (87Sr/86Sr, Pb isotopes) in huons for forensics, anthropology, and e	
		•	20:30:00	Oral
	The air qua	llity trade-offs of wi	ildfire and prescribed burning	
	17-Dec	Thursday	5:30:00	Oral
Human Impacts and Environmental Justice	We Will Ro	ck You: Noisy and (Quiet Times Around the Michigan Stadium	
	7-Dec	Monday	4:00:00	Poster
	Sources an	nd Spatiotemporal F	Patterns of Anthropogenic Infrasound in Urban Ar	
			4:00:00	Poster
	Bushmeat	<u>hunting reduces tra</u>	ansport of key nutrients in Amazonia 4:00:00	Poster
	Could road	constructions be n	4.00.00 more disastrous than an earthquake in terms of lar	
	<u>Codia roda</u>	CONSTRUCTIONS DC 11	10:30:00	eLightning
	Evidence o GNSS Meas		urbations from a Buried Chemical Explosion Captu	red Using High-Rate
			19:00:00	Oral
			ded Coastal Vulnerability	
	8-Dec	Tuesday	4:00:00	Poster
	Global Land based Hum	_	mass and Greenhouse Gas Emissions for Producir	ng Plant- and Animal-
			4:00:00	Poster
		of Conflict and Res nate Change	silience: Understanding Structural Violence in an A	rctic Community
			5:30:00	Oral
	The 2020 E	Edenville and Sanfo	ord, MI Dam Failures: Geomorphic Change in Respo	onse to Catastrophic
			20:30:00	Oral
	The unequa	al distribution of na	atural resources: why geology matters 20:30:00	Oral

Topic	Session Date	Session Start (Pacific Standard Time)	Session Type
Human Impacts and Environmental Justice	Climate Change Increases Tr. Solution	apped Populations: When Migration Cannot Be L	<u>Jsed as an Adaptation</u>
	9-Dec Wednesday	4:00:00	Oral
	Heavy Metal(loid) Contamina People.	tion of Medicinal Plants: Implications for Public H	lealth of Indigenous
		4:00:00	Poster
	Modeling and Sharing UNSDO Climate Change	G Indicator Data for Poverty, Food, Water, and Er	nergy in Relation to
		4:00:00	Poster
	Increasing trend in atmosphe	ere helium from 1975 to 2020	
		4:00:00	Poster
		isplaced: Automating land cover change detectionally displaced people (IDPs) settlements in Ethiop	
		5:30:00	Oral
	Disentangling the drivers of r migration	regional migration in West Africa: The impact of f	food (in)security on
		5:30:00	Oral
	Agricultural stability explains Syrian Civil War	the location choices of internally displaced peop	ole (IDPs) during the
		5:30:00	Oral
	Indian Pipelines: science-base	ed expertise as tools of liberation and oppression	n in Native America
		17:30:00	Oral
	Burnt Dinner: Greenhouse Ga Method	as and VOC Emissions from Swine Carcass Open	- <u>Pit Burning Disposal</u>
	10-Dec Thursday	4:00:00	Poster
	Charting Justice for Refugee	Relocation Under Extreme Climate Change	
		4:00:00	Poster
	<u>U-turn Needed to Feed 10 Bil</u> <u>based Assessment</u>	llion People Within Planetary Boundaries: Insight	s from a Global Model-
		4:00:00	Poster
	Alternative methods for redu	ıcing sediment delivery from skid trails used for p	oost-fire logging
		4:00:00	Poster
	Marine wild-capture fisheries	4:00:00	Poster

Topic	Session D	ate	Session Start (Pacific Standard Time)	Session Type
Human Impacts and Environmental Justice			s for International Cooperation over Proposed oture the Melting Glaciers in the Hindu Kush Hi	
	11-Dec	Friday	5:30:00	eLightning
	<u>Properties</u>	of Change: Politics	s and Land Ownership in Northern Alaskan Soc 5:30:00	<u>cial-Environmental Systems</u> Oral
		_	ge records to map swine concentrated animal ct on nutrient inputs in the NC Coastal Plain	feeding operations and
			7:00:00	Oral
		d Generation from th	he 2017 DPRK Underground Nuclear Explosio	<u>n</u>
	14-Dec	Monday	20:30:00	Oral
	_		tween urban structure and the urban heat isla zone and site-scale effects on air temperatur	
	15-Dec	Tuesday	4:00:00	Poster
	Microplast	ic Distribution in the	e Gulf of Mexico	
			11:30:00	eLightning
			ricate relationships among volcanoes, honey, geochemical puzzle in the Pacific Northwest c	
			20:30:00	Oral
	Source-sp in the Unit		s to Racial-Ethnic Disparities in Ambient Fine F	Particulate Matter Exposure
	16-Dec	Wednesday	4:00:00	Poster
		stics of airplane-inc dacoustic sensing (I	duced ground motion recorded by three-comp DAS) in cities	oonent(3-C) geophone and
			16:00:00	eLightning
	Seismo-ac	coustic Vector Detec	ction and Tracking of Ground Vehicles	
			16:00:00	eLightning
	Assessing	the Impact of Hurri	icane Sandy on Mobility Patterns in New York 16:00:00	City across Scales Oral
	Upprotoct	od and Underserver	d: Environmental justice and inadequacy of fe	
	•		g marginalized communities	uerai, State and IOCal all
			17:30:00	Oral
			cilities to industrial poultry farming on the Easts in Maryland's environmental permitting and	<u>d enforcement</u>
			17:30:00	Oral

Topic	Session D	ate	Session Start (Pacific Standard Time)	Session Type		
Human Impacts and Environmental Justice	estimation	Forest degradation in the Brazilian arc of deforestation: Land cover classification and biomass estimation using very high-resolution satellite images				
	17-Dec	Thursday	5:30:00	Oral		
Natural Hazards			ng threat for circumpolar coastal landscapes and ave impacts on Nuugaatsiaq settlement, western			
	7-Dec	Monday	4:00:00	Oral		
	Post-Distu	rbance Biomass Re	ecovery in California's Forests			
			4:00:00	Poster		
	<u>Preliminary</u>	y Crustal GMPE for	r Puerto Rico after the 2020 SWPR Seismic Seq	<u>uence</u>		
			4:00:00	Poster		
	The Larges		s Ever Recorded: Continuous Gravity Monitoring	of the Onset of Kīlauea's		
			16:00:00	Oral		
	Not All Disa	asters Are Created	d Equal: Evaluating Differences in Fire and Hurric	ane Media Coverage		
	8-Dec	Tuesday	4:00:00	eLightning		
	<u>Design and</u>	d initial testing of in	nstrumented particles for rock-fall dynamics mo 4:00:00	nitoring Poster		
	HAWAIIAN	N FOUNTAINING: C	CHANGING SIZE AND SHAPE OF FALLING BOM	BS		
			4:00:00	Poster		
	Using Light	_	Quest for Real-time Detection of Wild Fires Using	the ABI Instrument		
			4:00:00	Poster		
	Wildfire re	sponse to changing	g daily temperature extremes in California's Sier	ra Nevada		
			4:00:00	Poster		
			an Earthquake: Multi-Disciplinary Spatial Optim Access in L.A. County	ization for Defining		
			4:00:00	Poster		
	Effects of o	drought-intensified	d tree mortality on wildfire behavior in Sierra Ne	vada forests		
			7:00:00	Oral		
	<u>Geospatial</u>	Analysis of Wildfir	re Coverage in Newspapers across the USA 7:00:00	Oral		
	Lightning (Observations of the	e Taal Eruption			
			10:30:00	Oral		

Topic	Session Da	ate	Session Start (Pacific Standard T	ime) Session Type
Natural Hazards			najor perturbation of the stratosphere ferred from satellite observations	and generate a smoke-charged
	8-Dec	Tuesday	10:30:00	Oral
	How Alaska	ı's Barry Arm Can I	lelp Us Prepare for Climate Change Ha	<u>azards</u>
	9-Dec	Wednesday	4:00:00	Poster
	Education a	ind Healthcare Net	works Resilience as a Social Stability I 4:00:00	ndex Poster
	Identification	on of earthquakes	and anthropogenic events around the	southern Great Lakes
			4:00:00	Poster
	New record	s of historical tsur	amis obtained from Costa Rican news	papers
			7:00:00	Oral
	Quantifying	succession and e	cosystem service recovery in California 20:30:00	a's altered wildfire regime Oral
	Repeated w	vildfires in a Sierra	Nevada watershed cause limited post-	-fire erosion
	10-Dec	Thursday	4:00:00	Oral
	Controls on	Post-fire Debris F	ow Grain Sizes Across the Intermount 4:00:00	tain West Poster
	An Experim	ental Model of Und	onfined Bubbly Lava Flows	
			4:00:00	Poster
		ual Framework for Wired Earthquake	Emergency Food and Water Requirem Scenario	ents in a Disaster and Case Study
			4:00:00	Poster
		a Zombie: Shallow olcano, Bolivia	Volcanic Structure Revealed by Multip	le Geophysical Data Sets at
			10:30:00	Oral
	Tsunami ha	zard in Cascadia fr	om M79 earthquakes: Most hazardo	us segments of the rupture
			16:00:00	Oral
	Extreme Dis Hawai'i	scharges and Thre	sholds of Boulder Mobility in Steep Mo	ountainous Streams on Maui,
	11-Dec	Friday	4:00:00	Poster
	Risky devel	opment: increasing	exposure to natural hazards in the Ur	
			4:00:00	Poster
	Exploring o	f the conditions lea	ding to volcanic lightning: Results of a	field study at Sakurajima volcano,
			4:00:00	Poster

Topic	Session Date	Session Start (Pacific Standard Time)	Session Type
Natural Hazards	Spatial Analysis of Volcan	nic Lightning within Eruption Clouds	
	11-Dec Friday	4:00:00	Poster
	Spatiotemporal Evolution	of Microseismicity and Repeating Earthquakes in H	<u>aiti</u>
		4:00:00	Poster
	Volcanic hazard from Late Kamchatka, Russia	e Pleistocene-Holocene monogenetic volcanism arc	ound the capital city of
		5:30:00	Oral
	The Silent Sounds of Torn	nadoes and Their Potential Fluid Mechanism	
		17:30:00	Oral
	Tsunami intrusion into a ri	<u>iver</u>	
	14-Dec Monday	4:00:00	Poster
	Contribution of Atmosphe Warm Season Fire Weath	eric Circulation Changes and Anthropogenic Warmin ner Risk in California	ng to the Increase of
		4:00:00	Poster
	Contemporaneous lidar a	nd radar observations of a rotating pyrocumulus plu	me.
		4:00:00	Poster
	Examining Trends in Fire-	Weather Conditions across California	
		4:00:00	Poster
	Extreme fire weather hots climatology analysis	spots and vulnerable electric powerlines identified t	nrough California
		4:00:00	Poster
	Simulating Rotating Pyrod	convection	
		4:00:00	Poster
	Future wave climate in ne local coastal hazard asses	arshore California: new insights into the need for nessments	arshore projections in
		5:30:00	Oral
	Individual Storm Event Inf	fluence on Seasonal Snow Depth Distribution in Con 8:30:00	nplex Mountain Terrain Oral
	Trends in Regional Large the U.S. Northern Rocky M	Magnitude Snow Avalanche Occurrence and Associ	ated Climate Patterns in
		8:30:00	Oral
	Coastal Flooding Today, T	Comorrow, and the Next Ten Years in East Coast U.S	. Cities
	15-Dec Tuesday	4:00:00	Poster
	Severe Drought and Locu	st Outbreak in China in 1368-1911 using REACHES [<u>Data Sets</u>
		4:00:00	Poster

Topic	Session Date	Session Start (Pacific Standard Time)	Session Type
Natural Hazards	UK Space Agency's METEOR developing countries	? project: Making the case for Earth Observation (E	O) data for insurance in
	15-Dec Tuesday	20:30:00	Oral
	North American Wildfires are	e Changing the Atmospheric Carbon Monoxide Sea	asonal Cycle
	16-Dec Wednesday	4:00:00	Poster
	Highly variable lead (Pb) air co	oncentrations associated with fire events in Califo	<u>rnia</u>
		4:00:00	Poster
	Beam Theory Applied to Slab	Avalanche Release	
		4:00:00	Poster
	High Resolution Field Observ	vations of Meteotsunamis off the Coast of Louisian	na, USA
		4:00:00	Poster
	The August 2019 eruption of	Volcano 0403-091: pumice-raft formation and dis	spersion eruption
		19:00:00	Oral
	West Mata Submarine Volca	no, NE Lau Basin: Eruption Evolution Using Hydroa	
		19:00:00	Oral
		olcanic-scale smoke plume into the stratosphere	
	17-Dec Thursday	4:00:00	eLightning
	Long-lived smoke clouds from	m the Australian megafires measured over Lauder	
		4:00:00	eLightning
	Multi-scale Simulations of Ma PyroCbs	assive Stratospheric Smoke Injected by the 2017 E	<u>British Columbia</u>
		4:00:00	eLightning
	Nuisance flooding due to gro	undwater emergence in coastal urban areas	
		5:30:00	Oral
	Distributed Energy Resource	s for Disaster Resilience to Hurricanes in a Changi	ng Climate
		7:00:00	eLightning
Polar Science and Glaciers	Opportunities for Observation Ecosystem	ns in Support of Indigenous Food Systems in the C	Coastal Alaskan Walrus
	7-Dec Monday	4:00:00	Poster
	Exploring Stability of Greenla Automated Terminus Positio	and's Peripheral Marine-Terminating Glaciers throu on Timeseries	ugh Analysis of
		4:00:00	Poster
	Increasing evaporation losse	s from global lakes between 1984 and 2018	
		19:00:00	Oral
	Recent temperature change	on the Juneau Icefield, Alaska.	
	8-Dec Tuesday	4:00:00	Poster

Topic	Session [Date	Session Start (Pacific Standard Time)	Session Type
Polar Science and Glaciers	<u>Permafros</u>	st region disturban	ces in space and time: a pan-arctic perspective	
	8-Dec	Tuesday	7:00:00	Oral
	Weather,	snow and ice: Hydro	ological and landscape changes in the Canadian Ro	ckies headwaters
			10:30:00	Oral
	Glacier Ha	zards in the Himala	aya-Karakoram	
	9-Dec	Wednesday	4:00:00	Poster
	Assessing Fall	Rock Wall Permaf	rost Changes in Colorado's Front Range and Their	Implications for Rock
			4:00:00	Poster
	Illusory St	ability of Marine-Te	erminating Glaciers at Bedrock Peaks	
			4:00:00	Poster
	Basal Con	<u>ditions Underneath</u>	Thwaites Glacier Using Ice Penetrating Radar	
			4:00:00	Poster
	Ikaaġvik S Arctic Ala		ne Scientific and Indigenous Communities to Study	Sea Ice Change in
			16:00:00	Oral
	Ancient D	NA in lake sedimen	nt reveals High Arctic greening during the Last Inter	glacial
	11-Dec	Friday	4:00:00	Oral
	Sea Ice De	eformation at MOS	<u>AiC</u>	
			4:00:00	Oral
		nd Environmental C s, South Siberia, Ru	Changes and its Impact on the Scythian Frozen Tomssia.	s of the Altai
			4:00:00	Poster
	•	•	in ecological disasters due to spills of fuel and lubric egion as an example)	cants in the
			4:00:00	Poster
	<u>Visualizin</u> g	g Change with Land	dsat at Helheim Glacier, East Greenland, 1972 to 20	20
	14-Dec	Monday	4:00:00	Poster
	Human-er	nvironmental intera	actions in the Arctic inferred from microfossils in Ce	entral Greenland ice
			4:00:00	Poster
	Large sou	rce of mercury fror	m the western margin of the Greenland Ice Sheet	
			5:30:00	eLightning
	Holocene	relative sea-level c	hange in the Pine Island-Thwaites Glacier region of	West Antarctica
			5:30:00	Oral

Topic	Session D	ate	Session Start (Pacific Standard Time)	Session Type
Polar Science and Glaciers	_	ing the Possibility on alytical Ice-Flow N	of Cascading Lake Drainage in the Pakitsoq Region Model	of Western Greenland
	14-Dec	Monday	11:30:00	Oral
		· · · · · · · · · · · · · · · · · · ·	onding on the Northern George VI Ice Shelf, Antarc	tic Peninsula, during the
	2019/2020	<u>0 melt season</u>	11:30:00	Oral
	Radiometr	ric calibration and a	analysis of radar sounding observations of ice-shee	et subsurface
	conditions	from archival film		
	0	of the constant The	17:30:00	eLightning
	<u>retreat</u>	of the eastern Thw	vaites ice shelf cavity and implications for continue	ed grounding zone
			17:30:00	eLightning
	Complex b	oathymetry beneatl	h Thwaites and Dotson Ice Shelves revealed by act	tive-source seismic
	15-Dec	Tuesday	4:00:00	Oral
	Glacier Dis	sappearance in the	High Alpine of Oregon, U.S.A.	
			4:00:00	Poster
		vays and Heat Tran Vest Antarctica	sport of Circumpolar Deep Water into the Thwaite	es and the Pine Island
			4:00:00	Poster
	<u>Inverting s</u>	surface-elevation d	lata for basal topography beneath Thwaites Glacie	
			4:00:00	Poster
	Beavers er	ngineer vast arctic	tundra lowlands of Alaska	0.1
	01:	Tanan aka akkka T	7:00:00	Oral
	Geological 16-Dec	Wednesday	hwaites Glacier Catchment 4:00:00	Poster
		•	n Siberia over the past 500 years (1500-2010 CE)	. 6666
			4:00:00	Poster
	Montreal F	Protocol to delay ic	e-free Arctic by a decade	
			7:00:00	Oral
	The 2020	<u>Siberian Heat Wav</u>	<u>re</u>	
	17-Dec	Thursday	7:00:00	Oral
Space, Space Weather and Planetary Science			lap of Enceladus: Polar Signatures and Large Basir	
	7-Dec	Monday	4:00:00	Oral

Topic	Session D	ate	Session Start (Pacific Standard Time)	Session Type
Space, Space Weather and Planetary Science	On the Tax	conomy of Exoplane	ets using Transmission Color Analysis	
	7-Dec	Monday	4:00:00	Poster
	A New Mo	del for the Origin of	Chlorine on Enceladus	
			4:00:00	Poster
		NEED MAPS: TOW ERESOLUTION.	ARDS A GLOBAL CRATER DATABASE FOR MARS	AND THE MOON AT
			4:00:00	Poster
	The associ	ation between slot-	-filling injections and subauroral (STEVE) emissions	
			5:30:00	Oral
	The Effect	of Continental Loca	ation on Climate of Synchronously Rotating Exoplan	<u>ets</u>
	8-Dec	Tuesday	17:30:00	Oral
			Global Budget of Impact-Derived Sediment on Venu	
	9-Dec	Wednesday	4:00:00	Poster
	A Glacial O	rigin for the Extens	ive, Linear Inverted Features Within Gale Crater	a I. Carlo dos Corres
	Umayımaata	d aubanaanaat af	5:30:00	eLightning
	Unexpecte	ed enhancement or s	saltation at Martian-like pressures 7:00:00	Oral
	<u>Tesserae c</u>	on Venus may prese	erve evidence of fluvial erosion	
	112.1		7:00:00	Oral
			ns of a +CG flash caused by a sequence of bidirection e-existing in-cloud channel	nal leaders forming a
			17:30:00	eLightning
	High-spee	d video observation	ns of space stems and leaders in natural negative clo	ud-to-ground
			17:30:00	eLightning
	Collision o	f downward negativ	ve leader branches: Why does this happen?	
			17:30:00	eLightning
			ace Temperatures by Martian Water Ice Clouds	
	10-Dec	Thursday	4:00:00	Poster
	Asteroid T	hermal Evolution w	ith Fragmentation and Reassembly into a Rubble Pil 4:00:00	e Poster
	Listening f	or a Landing: the se	eismic detectability of Mars 2020's arrival by the InS	ight lander
			5:30:00	eLightning

Topic	Session Date	9	Session Start (Pacific Standard Time)	Session Type
Space, Space Weather and Planetary Science	New HiRISE O	bservations of Ga	ale Crater Rim Surfaces – Evidence for Glacial	Processes
	10-Dec Th	hursday	7:00:00	eLightning
		tudy of magmatis and magnetic fiel	m and mantle convection in Mars: Implication d	s for its crust, surface
	11-Dec Fr	riday	4:00:00	Oral
	Chaos Blocks	on Europa: An An	nalysis of Orientation and Size Distributions	
			7:00:00	eLightning
	<u>Multi-wavelen</u>	ngth imaging obse	ervations of STEVE at Athabasca, Canada	
	14-Dec M	londay	4:00:00	Poster
	Food Supply fo	or the Crew of a L	<u>Lunar Village</u>	
			4:00:00	Poster
	SMALL COME	ET VAPOR CLOUI	DS IMAGED FOR THE FIRST TIME	
			4:00:00	Poster
		Exploration of Ear be Exploration	rth's Largest Subterranean Lake and Implicati	ons for Robotic Lunar and
			7:00:00	Oral
			RSISTENCE OF OLIVINE PARTICULATES FR LUNG AND GASTRIC FLUID	OM EXPERIMENTAL
			8:30:00	eLightning
	Molecular Soli	ids on Titan: New	Insights into Hydrogen Cyanide and Butadien	<u>e</u>
	15-Dec Tu	uesday	4:00:00	Poster
	New evidence Greenheugh p		erosion history in Gale crater, Mars, from Curic	osity's ascent onto the
			5:30:00	Oral
	New Observat	tions Show the Ea	arliest Stages of Titan's Radial Labyrinth Terra	in Evolution
			11:30:00	Oral
	The Green Em	nissions of STEVE	: Optical Evidence of an Energy Cascade	
			11:30:00	Oral
	Investigating t and citizen sci		occurrence of STEVEs and SAR arcs using all	l-sky imagers, satellites,
			11:30:00	Oral
	A Nitrogen-Ric	<u>ch Atmosphere o</u>	n Ancient Mars Indicated by Isotopic Evolutio	<u>n.</u>
			17:30:00	Oral

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Topic	Session Date	Session Start (Pacific Standard Time)			
Space, Space Weather and Planetary Science	From hot to cold: Assessing the mineralogical diversity of hydrothermal vent plume particles on Earth with an eye towards hydrothermally active icy ocean worlds				
	16-Dec Wednesday	4:00:00	Oral		
	Frozen Worlds: How High-Pro	essure Ice Phases can Influence Their Structure.			
		4:00:00	Poster		
	Using a laser-pushed solar sa	ail to deflect the trajectory of an asteroid			
		4:00:00	Poster		
	lon radiation belts outside of	the main rings of Jupiter and Saturn			
		4:00:00	Poster		
	Simulation and Analysis of a	Comet's Atmospheric Entry, Impact, and Conseq	<u>uences</u>		
		4:00:00	Poster		
	The Dust Environment in the	Inner Heliosphere			
		4:00:00	Poster		
	The Viral Elevator: Modeling	Virus and Bacteria Populations in Europa's Icy Oc	<u>cean</u>		
		5:30:00	Oral		
	Bulk modulus of H2O across in dynamic Diamond Anvil Ce	the ice VII – ice X transition measured by time-reell experiments	solved X-ray diffraction		
		8:30:00	Oral		
	Deformation along Enceladurelease at Ross Ice Shelf rifts	s' Tiger Stripes: Insights from tidally modulated ions, Antarctica	cequakes and stress		
		17:30:00	Oral		