

Poster Number	Last Name	First Name	Abstract Title	CL#	FINAL CATEGORY
A-01	David	Trevor	A warm Jupiter-sized planet transiting the pre-main sequence star V1298 Tau	CL#19-3270	Astrophysics and Space Science
A-02	Faramaz	Virginie	From scattered-light to millimeter emission: A global view of the Gyr-old system of HD 202628 and its eccentric debris ring	CL#19-2805	Astrophysics and Space Science
A-05	Izard Alberich	Albert	Neighbor bias: an understudied observational systematic in galaxy surveys	CL#19-3356	Astrophysics and Space Science
A-06	Marocco	Federico	CWISEP J193518.59-154620.3: an extremely cold brown dwarf in the Solar neighborhood discovered with CatWISE	CL#19-3153	Astrophysics and Space Science
A-07	Mas-Ribas	Lluis	Radiation-Pressure Waves in Black Holes Winds	CL#19-3195	Astrophysics and Space Science
A-08	Seo	Youngmin	Applications of Machine Learning Techniques to Noisy Radio Data from the Stratospheric Terahertz Observatory 2	CL#19-3100	Astrophysics and Space Science
A-10	Heinrich	Chen He	Modulations of the baryon acoustic oscillation scale as a probe of compensated isocurvature perturbations	CL#19-3166	Astrophysics and Space Science
A-13	Masters	Daniel	Measuring Galaxy Redshifts and Physical Properties with Future Cosmology Surveys	CL#19-3103	Astrophysics and Space Science

A-14	McCleary	Jacqueline	Searching for Extended Dust Halos	CL#19-3203	Astrophysics and Space Science
A-16	Ozturk	Dogacan	Meso-scale causes of high-latitude Ionospheric variability: What happened on the night of 2 March 2017?	CL#19-3216	Astrophysics and Space Science
EA-02	Bato	Mary Grace	Joint inversion and assimilation technique to understand inter-ruptive deformation processes at active volcanoes	CL#19-3196	Earth Science A
EA-03	Girona Hernandez	Jose Tarsilo	Diffuse Heating of Volcanic Mountains Prior to Eruption	CL#19-3105	Earth Science A
EA-04	Gualandi	Adriano	Blind Source Separation with application to surface deformation and change	CL#19-3147	Earth Science A
EA-05	Handwerger	Alexander	Widespread initiation, reactivation, and acceleration of landslides in the northern California Coast Ranges due to extreme rainfall	CL#19-3149	Earth Science A
EA-06	Milliner	Christopher	Using Geodetic Data to the Constrain the Hazard Probability of Distributed Fault Displacement	CL#19-2649	Earth Science A
EA-07	Pulvirenti	Fabio	A finite element approach to investigate material heterogeneity and topography effects on earthquake deformation using space geodetic data	CL#19-2856	Earth Science A
EA-08	Roman	Alberto	Closing magmatic conduits: constraints from geodetic observations and dynamical models	CL#19-3189	Earth Science A

EA-09	Frederikse	Thomas	The imprints of contemporary mass redistribution on regional sea level and vertical land motion observations	CL#19-3292	Earth Science A
EA-10	Farahmand	Alireza	Assessing the Effects of Drought on Irrigation Demand using Satellite Observations	CL#19-3148	Earth Science A
EA-11	Nelson	Ethan	Regime-Dependent Differences in Active Satellite Rainfall Products	CL#19-3021	Earth Science A
EA-12	Chandanpurkar	Hrishikesh	1979-2017 Reconstruction of Global Terrestrial Water Storage using Cyclostationary Empirical Orthogonal Functions	CL#18-7166	Earth Science A
EA-15	Sikder	Md Safat	Evaluation of Available Global Runoff Datasets through a River Model in Support of Transboundary Water Management in South and Southeast Asia	CL#19-3179	Earth Science A
EA-16	Byrne	Brendan	Constraining carbon fluxes in northern regions by combining constraints from multiple atmospheric CO2 observing systems	CL#19-3452	Earth Science A
EA-17	Longo	Marcos	Amazon forest degradation impacts on energy, water, and carbon cycles: results from an integrated remote-sensing and modeling study	CL#19-3198	Earth Science A

EA-18	Madani	Nima	Trends and Anomalies in Global Terrestrial Gross Primary Productivity from 1982-2016.	CL#19-3311	Earth Science A
EA-19	Meyer	Victoria	Assimilation of GRACE data into the CARbon DATA-MODEL framework (CARDAMOM)	CL#19-3454	Earth Science A
EA-21	Yi	Yonghong	Sensitivity of longwave radar backscatter to soil freezing process in Arctic tundra	CL#19-2788	Earth Science A
EA-22	Maurer	Jeremy	Slow slip and potential earthquake triggering near Guerrero, Mexico from geodetic data	CL#19-3278	Earth Science A
EA-23	Jung	Jungkyo	A hybrid damage detection approach based on multi-temporal coherence and amplitude analysis for disaster response	CL#19-3506	Earth Science A
EA-25	Johnson	Margaret	Considerations for the design of statistical analyses in distributed data systems	CL#19-3295	Earth Science A
EB-01	Delaney	Ian	A period of peak subglacial sediment discharge following glacier retreat	CL#19-3134	Earth Science B
EB-02	Zinke	Robert	Quantifying the effects of the tropospheric stratification and ionospheric delay on Sentinel-1 differential InSAR across Tibet	CL#19-3131	Earth Science B
EB-03	Archer	Matthew	On maximizing the resolution of gridded sea surface height: Application to the California Current System	CL#19-3132	Earth Science B

EB-05	Serrano Paolo	Fernando	25 years of Antarctic ice shelf melt measured from space	CL#19-3363	Earth Science B
EB-07	Crespo	Juan	Early Results of the CYGNSS Surface Heat Flux Product	CL#19-3135	Earth Science B
EB-08	Jaruga	Anna	Testing the microphysics-dynamics coupling in the EDMF parameterization of clouds and turbulence.	CL#19-3140	Earth Science B
EB-10	Massoud	Elias	Characterizing uncertainty in end of century projections of global atmospheric rivers	CL#19-3063	Earth Science B
EB-11	Cusworth	Daniel	Detecting methane point sources from space using hyperspectral surface imagers	CL#19-2648	Earth Science B
EB-13	Asharaf	Shakeel	CYGNSS Surface Wind Validation over the Tropical Ocean using Moored Buoy Observations	CL#19-3181	Earth Science B
EB-15	Forster	Linda	Progress on 3D tomographic cloud reconstruction from satellite multi-angle imaging: MISR's perspective on the "hidden zone" inside opaque convective clouds	CL#19-3180	Earth Science B
EB-16	Smalley	Mark	NASA Satellites and a JPL Parameterization Constrain Physics Required for Accurate Simulation of Low Clouds and Rain	CL#19-3187	Earth Science B
EB-17	Brancato	Virginia	Ice dynamics of Denman Glacier, East Antarctica from 1964 to 2018	CL#19-3208	Earth Science B

EB-18	Utsumi	Nobuyuki	Improving satellite-based sub-hourly surface rain estimates using vertical rain profile information	CL#19-3237	Earth Science B
EB-20	Cuzzone	Joshua	High-resolution modeling of southwestern Greenland during the Holocene using the Ice Sheet System Model (ISSM): Comparison with geologic proxies and sensitivity to climate forcing	CL#19-3284	Earth Science B
P-01	Buhler	Peter	The Origin of Mars' South Polar Massive CO2 Ice Deposit from Co-Evolution with Mars' Atmosphere	CL#19-3129	
P-02	Seignovert	Benoit	Mapping VIMS specular reflections on Titan's surface during the Cassini mission.	CL#19-3231	Planetary Science and Life Detection
P-03	Steele	Liam	Thermal tides in the atmosphere of Mars	CL#19-3078	Planetary Science and Life Detection
P-04	Tabataba-Vakili	Fachreddin	Long-term observations of the evolution of Jupiter's circumpolar cyclones with Juno	CL#19-3130	Planetary Science and Life Detection
P-06	Razzell-Hollis	Joseph	In Situ UV Degradation of Organic Biosignatures in a Perchlorate-Spiked Martian Regolith Analogue	CL#19-3354	Planetary Science and Life Detection
P-07	Tharimena	Saikiran	Seismic structure of icy ocean worlds from full waveform modeling	CL#19-3146	Planetary Science and Life Detection
P-08	Abrahamsson	Sven	Retiring risks for sample handling and biomarker analysis for Ocean Worlds	CL#19-3137	Planetary Science and Life Detection

P-09	Fayolle	Edith	Measuring ice desorption energies for planetary and star-forming environments	CL#19-3470	Planetary Science and Life Detection
P-10	Jost	Bernhard	Studying table salt to understand Europa's surface history	CL#19-3161	Planetary Science and Life Detection
P-11	McKean	Stephanie	Photopolymerization of HCN/HC3N mixed ice to produce HCN-containing tholins	CL#19-3136	Planetary Science and Life Detection
P-12	Paardekooper	Daniel	Plume profile studies of Nanosecond laser induced desorption of water ice - amorphous versus crystalline -	CL#19-3141	Planetary Science and Life Detection
P-13	Damiano	Mario	Reflected starlight spectroscopy: a new frontier	CL#19-3285	Planetary Science and Life Detection
P-14	Jasinski	Jamie	Survey of magnetic reconnection signatures at Saturn's magnetopause	CL#19-3167	Planetary Science and Life Detection
P-16	Waller	Sarah	Towards the In Situ Measurement of Nonvolatile Organics at Enceladus	CL#19-3508	Planetary Science and Life Detection
P-17	Ermakov	Anton	Observability of Venus' torque balance	CL#19-3206	Planetary Science and Life Detection
P-18	Lainey	Valery	Astrometry unleashed: The Saturn system	CL#19-3207	Planetary Science and Life Detection
P-19	Sapers	Haley		CL#19-3111	Planetary Science and Life
T-01	Nunn	Ceri	Scoping MEMS seismometers for deployment on the Moon	CL#19-3144	Technology, Instrumentation, and Engineering
T-04	Hoang	Thai	Micro Mercury Trapped Ion Atomic Clock	CL#19-3460	Technology, Instrumentation, and Engineering

T-05	Vinckier	Quentin	Validation of an original idea of using optical frequency combs to cancel both clock noise and laser phase noise in time-delay interferometry	CL#19-3016	Technology, Instrumentation, and Engineering
T-07	Krishnamoorthy	Siddharth	Balloon-Based Seismology for Venus Exploration	CL#19-3204	Technology, Instrumentation, and Engineering
T-08	Goel	Ashish	Simulations of Electrostatic Radiation Shielding Configurations	CL#19-3177	Technology, Instrumentation, and Engineering
T-09	Pham	Tu-Hoa	Rover localization for sample tube pickup in Mars Sample Return	CL#19-3214	Technology, Instrumentation, and Engineering
T-11	Hewitt	Robert	Airships in the Night: Localizing Lighter-Than-Air Vehicles in GPS Denied and Completely Dark Environments	CL#19-3257	Technology, Instrumentation, and Engineering
T-13	Rahiminejad	Sofia	Low-loss Si MEMS phase shifter operating at 550 GHz	CL#19-3455	Technology, Instrumentation, and Engineering
T-14	Jones	William	Field Emission Transistors For High Temperature Environments	CL#19-3156	Technology, Instrumentation, and Engineering
T-16	Edwards	Peter	Hydration detection and identification with a mini Raman spectrometer	CL#19-3108	Technology, Instrumentation, and Engineering
T-18	Sterczewski	Lukasz	Injection locking of chip-scale mid-infrared frequency combs based on interband cascade lasers	CL#19-3142	Technology, Instrumentation, and Engineering
T-19	Tallarida	Nicholas	Isolation, Concentration, and Characterization of Icy Worlds Samples via Flow Cytometry.	CL#19-3143	Technology, Instrumentation, and Engineering

T-21	Jaramillo	Elizabeth	Inorganic Ion Measurements for in situ Habitability Assessment	CL#19-3307	Technology, Instrumentation, and Engineering
T-22	Oborny	Nathan	Development of an Automated Sample Processing Unit for Identification of Extant Microorganisms	CL#19-3331	Technology, Instrumentation, and Engineering
T-23	Zamuruyev	Konstantin	A Portable, Automated Capillary Electrophoresis System for Multiple Mode Detection of Organic and Inorganic Species.	CL#19-3138	Technology, Instrumentation, and Engineering