

Poster No.	Discipline	Last Name	First Name	Poster Title
A-01	Astrophysics and Space Science	Zellem	Robert	New Mexico Exoplanet Spectroscopic Survey Instrument (NESSI)
A-02	Astrophysics and Space Science	Millar-Blanchaer	Max	Characterizing Exoplanetary Systems with Polarized Light
A-03	Astrophysics and Space Science	Choquet	Elodie	Mining the Hubble Space Telescope Archive for faint extrasolar dust belts
A-04	Astrophysics and Space Science	Hasegawa	Yasuhiro	Impact Jetting and the Origin of Ordinary Chondrites
A-05	Astrophysics and Space Science	Flock	Mario	First 3D radiation non-ideal magnetohydrodynamical simulations of the inner regions in protoplanetary disks.
A-06	Astrophysics and Space Science	Izard	Albert	Fast generation of mock galaxy catalogs for weak lensing experiments
A-07	Astrophysics and Space Science	Seo	Youngmin	Survey of the Ionized ISM in our Galaxy using the Stratospheric Terahertz Observatory 2
A-08	Astrophysics and Space Science	Simet	Melanie	Measuring and Mitigating Systematic Biases in Weak Lensing Surveys
A-09	Astrophysics and Space Science	Bull	Philip	A galaxy-halo model for multiple cosmological tracers
A-10	Astrophysics and Space Science	Hensley	Brandon	Mitigating Complex Dust Foregrounds in Future CMB Polarization Experiments
A-11	Astrophysics and Space Science	Gleyzes	Jerome	Non-Gaussianity as a test of Inflation in light of future surveys
A-12	Astrophysics and Space Science	Lenz	Daniel	HI emission as a tracer of interstellar reddening
A-13	Astrophysics and Space Science	Miyatake	Hironao	Weak-Lensing Mass Measurement of ACTPol Sunyaev-Zel'dovich Galaxy Clusters with the Subaru Hyper Suprime-Cam Survey
A-14	Astrophysics and Space Science	Merson	Alexander	Predicting the number density of H α emitting galaxies
A-15	Astrophysics and Space Science	Kalaydzhyan	Tigran	Searching for dark matter with atomic clocks in space
A-16	Astrophysics and Space Science	McGranaghan	Ryan	Next Generation Methodologies in Advancing Space Weather Monitoring and Predictability: A New Perspective through Network Analysis
EA-01	Earth Science A	Liang	Cunren	Measuring Azimuth Deformation with L-band Wide-Swath SAR Interferometry
EA-03	Earth Science A	Singh	Alka	Utilizing a suite of NASA satellite missions for analysis of the Aral Sea desiccation
EA-04	Earth Science A	Farahmand	Alireza	Using NASA Satellite Observations to map wildfire risk in the United States
EA-06	Earth Science A	Oaida	Catalina	Combining Remote Sensing Data, Airborne Snow Observations and High Resolution Hydrologic Modeling to Improve SWE Estimates over Western US Mountainous Terrain
EA-07	Earth Science A	Dutta	Debsunder	Characterizing the diurnal cycle of evapotranspiration and its intra-field spatial variations over agricultural systems using thermal observations from autonomous small UAVs
EA-09	Earth Science A	Stofferahn	Eric	How does your terrestrial model stack up in the Arctic-Boreal Region?
EA-10	Earth Science A	Magney	Troy	Scaling solar-induced fluorescence from the leaf to the satellite
EA-11	Earth Science A	Thomas	Nathan	High-resolution mapping of tidal marsh distribution and biomass with L-band radar
EA-12	Earth Science A	Denbina	Michael	Mapping Forest Height Using PolInSAR and Lidar Fusion
EA-13	Earth Science A	Liu	Ke	Understanding Surface Water Flow on Coastal Wetlands Using Numerical Models and Remote Sensing Data
EA-14	Earth Science A	Liao	Tien-Hao	SAR Interferometry for Surface-Water Level Change in Mississippi Wetlands
EA-15	Earth Science A	Fenni	Ines	Efficient Modeling of Electromagnetic Scattering by Large and Complex-Geometry Snow Particles
EA-16	Earth Science A	Lei	Yang	Automated generation of large-scale moderate-resolution forest height and disturbance maps for NISAR-like missions
EA-17	Earth Science A	Soja	Benedikt	On the long-term stability of Kalman filter terrestrial reference frame solutions
EA-18	Earth Science A	Koehler	Philipp	Sun-induced chlorophyll fluorescence retrievals using the Chlorophyll Fluorescence Imaging Spectrometer (CFIS)
EB-01	Earth Science B	Chen	Kejie	The Potential of integrating GPS, strong motion and teleseismic data for tsunami early warning
EB-02	Earth Science B	Delman	Andrew	Forcing of eddy variability in the southern subtropical Indian Ocean, from remotely sensed altimeter and scatterometer data
EB-03	Earth Science B	Dehecq	Amaury	Towards an improved estimate of mountain glaciers contribution to sea level rise since 1972
EB-04	Earth Science B	Nilsson	Johan	30-year synthesis of satellite and airborne altimetry records to resolve long-term ice sheet trends
EB-06	Earth Science B	Caron	Lambert	Browsing through the last glacial cycle history scenarii: a necessary milestone to build up our understanding of present-day climate change
EB-07	Earth Science B	Nakayama	Yoshihiro	Origin of Circumpolar Deep Water intruding on to the Amundsen and Bellingshausen Sea continental shelves
EB-09	Earth Science B	Torres	Hector	Spatial and seasonal distribution of internal gravity waves in the global ocean
EB-10	Earth Science B	Wen	Yixin	How Well the Early 2017 California Atmospheric River Precipitation Events Were Captured by Satellite Products and Ground-based Radars

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EB-11	Earth Science B	Healey	Nathan	The impact of the Pacific Decadal Oscillation on the summertime temperatures of inland water bodies in Alaska (USA) and northwest Canada
EB-12	Earth Science B	Nemchick	Deacon	High-Resolution Thz Measurements of Bro Generated in an Inductively Coupled Plasma
EB-13	Earth Science B	Richardson	Mark	Retrieving cloud properties with OCO-2
EB-14	Earth Science B	Smalley	Mark	Improvements to the JPL EDMF Cloud Parameterization by a Suite of A-Train Satellite Observations
EB-15	Earth Science B	Gonzalez	Alex	A westward propagating intraseasonal mode over the western Pacific
EB-16	Earth Science B	Hakuba	Maria	Can we deduce cloud top height changes from GPS-RO bending angle?
EB-17	Earth Science B	Milillo	Pietro	Antarctic ice sheet grounding line migration monitoring using short repeat -time SAR Interferometry
EB-18	Earth Science B	Armitage	Thomas	Dynamic topography and sea level anomalies of the ice covered Southern Ocean : Variability and teleconnections
EB-19	Earth Science B	Su	Zhan	Explaining the trend of Antarctic sea-ice in the past three decades
EB-20	Earth Science B	Wang	Kuo-Nung	Planetary Boundary Layer (PBL) characterization using GPS Radio Occultation (RO) retrieval under ducting and heavy precipitation
EB-21	Earth Science B	Morris	Mary	COWVR and CYGNSS Synergy
EB-22	Earth Science B	Cuzzzone	Joshua	Improving spinups of the present day Greenland Ice Sheet (GrIS) by using ISSM to simulate the evolution of the GrIS over the last 120,000 years.
EB-23	Earth Science B	Fournier	S��verine	Satellite synoptic view of the Bay of Bengal post-monsoon "river in the sea"
P-01	Planetary Science and Life Detection	Howell	Samuel	Modes of extensional terrain formation in icy satellites: Implications for surface-ocean interaction
P-02	Planetary Science and Life Detection	Gicquel Brodtke	Adeline	Detection of outbursts during the summer of 2015 with Rosetta
P-03	Planetary Science and Life Detection	Molaro	Jamie	Ice sintering timescales at the surface of europa and implications for surface strength
P-04	Planetary Science and Life Detection	Scully	Jennifer	The Formation and Evolution of Occator Crater on Ceres
P-05	Planetary Science and Life Detection	Elder	Catherine	Low Thermal Inertia Volcanic Deposits on the Moon
P-06	Planetary Science and Life Detection	Hofgartner	Jason	A Search for Temporal Changes on Pluto and Charon
P-07	Planetary Science and Life Detection	Poston	Michael	Spectral Behavior of Irradiated Sodium Chloride Crystals Under Europa-Like Conditions
P-08	Planetary Science and Life Detection	Fleury	Benjamin	Laboratory simulation of hot exoplanetary atmospheres
P-09	Planetary Science and Life Detection	Li	Cheng	Shallow water modeling of Jovian polar cyclone and vortices
P-12	Planetary Science and Life Detection	Urbaniak	Camilla	International Space Station-Microbial observatory of pathogenic viruses, bacteria and fungi and the impact on astronaut health
T-01	Technology, Instrumentation, and Engineering	Singh	Garima	Using the Low Order Calibrations to Improve Post Processing of High Contrast Images
T-02	Technology, Instrumentation, and Engineering	Plazas Malag��n	Andr��s	Evidence of the "brighter-fatter" effect in near-infrared detectors
T-03	Technology, Instrumentation, and Engineering	Cich	Matthew	High Resolution Photoacoustic Spectroscopy of the Oxygen A-Band
T-05	Technology, Instrumentation, and Engineering	Uckert	Kyle	Fielding an Astrobiology Payload on the LEMUR Rock-Climbing Robot
T-07	Technology, Instrumentation, and Engineering	Treuttel	Jeanne	Next generation of Schottky Solid-State Heterodyne Receivers for Atmospheric Studies: challenges and promises.
T-09	Technology, Instrumentation, and Engineering	Wollman	Emma	High-efficiency, low-noise UV superconducting nanowire single-photon detectors
T-10	Technology, Instrumentation, and Engineering	Korzh	Boris	Single photon detection with a system temporal resolution below 10 ps
T-11	Technology, Instrumentation, and Engineering	Kehl	Florian	Automated In-situ Subcritical Water Extraction and Pre-characterization Platform For Martian Regolith or Icy Ocean Worlds
T-12	Technology, Instrumentation, and Engineering	Gibson	Bradley	Development of a Miniaturized Cavity Ringdown Spectroscopy Water Isotope Analyzer
T-13	Technology, Instrumentation, and Engineering	Bandikova	Tamara	GRACE Accelerometer Data Transplant
T-14	Technology, Instrumentation, and Engineering	Koh	Dayung	Computing periodic orbits and spacecraft orbit-attitude solutions
T-16	Technology, Instrumentation, and Engineering	Eggl	Siegfried	Avoiding Armageddon: Long Term Asteroid Orbit Deflection Optimization
T-17	Technology, Instrumentation, and Engineering	Jayanthinarasimham	Avyaya	Towards Smart Screening of Nand Flash Memory for Space Applications