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TICKET TO EXPLORE

JPL

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“A Ticket to Explore JPL 2017”



- On May 20-21, 2017, approximately 22,000 people attended the Soil Moisture Active Passive (SMAP) Exhibit “A Ticket to Explore JPL 2017” event at the NASA Jet Propulsion Laboratory in Pasadena, California
- Soil Moisture Active Passive (SMAP) is an Earth satellite mission designed to measure and map Earth's soil moisture and freeze/thaw state to better understand terrestrial water, carbon and energy cycles
- The SMAP exhibit, led by Brian Campbell (NASA Wallops Flight Facility), presented three NASA Hyperwall talks entitled “SMAP: A New View of Soil Moisture and Sea Surface Salinity” which was one of many NASA Earth Science exhibits as part of the Earth Science Hall
- The SMAP exhibit consisted of:
 - Two soil moisture sensors with pots of varying soil moisture
 - Two soil profiles representing the soil layers found in the Grassland and Forest biomes
 - A 1/10 scale model of the SMAP satellite
- “A Ticket to Explore JPL” also takes visitors through some of the marvels of robotic space exploration
- Highlights include a life-size model of the Mars rover Curiosity; various robots on display; JPL's machine shop, where precision spacecraft parts are built; and the Microdevices Lab, where tiny technology is being developed to revolutionize space exploration