

## **SESSION: SWARM, ePOP**

Thu, Feb 21, 14:00-14:15

### **Swarm EFI and EPOP SEI Science Highlights**

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During the first five years of the Swarm mission, the Electric Field Instruments have been central to published studies involving fast flow channels, auroral electrodynamics, density irregularities, Alfvén and ULF waves, Poynting flux; and cross-comparison with models, SuperDARN, ISRs, ionosondes, and more. Furthermore, using similar technology at a much higher measurement rate, the Suprathermal Electron/Ion Imager on Swarm Echo (EPOP) has brought high-resolution event studies of Alfvén-accelerated electrons, ion heating and upflow. This talk will highlight science results and new opportunities from the combined missions.