

2017 miniGEM QARBM Session Schedule

Location: Azalea, Hilton Garden Inn New Orleans Convention Center

Date: Sunday, December 10, 2017

Session 1 (13:50-15:20 PM)

1. **Jean Francois:** 3D Fokker-Planck simulations of the quiet decay of electrons in March 2013
2. **Mark Engebretson:** EMIC wave survey for the GEM QARBM Challenge
3. **Sam Bingham:** Van Allen Probe observations of chorus wave activity, source and seed electrons, and the radiation belt response during ICME and CIR storms
4. **Jay Albert:** The parameterization of wave-particle interactions in the outer radiation belt
5. **Drew Turner:** Statistical results from 110 storms during the Van Allen Probes era
6. **Richard Denton and Caitano da Silva:** Hybrid simulations of 2D Whistler and EMIC wave fields and their effects on relativistic electrons
7. **Xiangning Chu:** Unexpected storm-time nightside plasmaspheric density enhancement at low L shell

Session 2 (15:30-17:00 PM)

1. **Kareem Sorathia:** Modeling of the 2013-03-17 Storm
2. **Dedong Wang:** Modeling of the Challenge Events
3. **Qianli Ma:** Simulation of electron flux enhancements during GEM challenge event: Sensitivities on plasma waves
4. **Luisa Capannolo:** Understanding the driver of energetic electron precipitation using coordinated multi-satellite measurements
5. **Louis Ozeke:** Analysis of the flux dropout during the March 2013 storm
6. **Suk-Bin Kang:** CIMI simulation on stormtime dropout (2013-06-01)
7. **Jay Albert:** Update on Calculations of Last Closed Drift Shells
8. **Steve Morley:** Empirical magnetic field models for the QARBM challenge events: Comparison and optimization