

2015 miniGEM QARBM Session Schedule

Location: Gold Rush A Room, Holiday Inn Golden Gateway

Date: Sunday, December 13, 2015

Session 1 (12:00-13:30 PM, 5min/talk)

1. **Jinxing Li:** Formation of Energetic Electron Butterfly Distributions due to parallel acceleration by Magnetosonic Waves
2. **Oleksiy Agapitov:** Long lasting local electron acceleration to seed energies through Landau trapping by oblique whistler waves: Van Allen Probes observations
3. **Alexander Drozdov:** Modeling with quasilinear theory. Can stronger chorus waves cause deceleration?
4. **Solene Lejosne:** Ionospheric winds affect inner radiation belt intensity: a set of theoretical predictions consistent with observations
5. **Drew Turner:** Slot filling electron flux enhancements and their role as a source of the inner electron radiation belt
6. **Rualdo Soto:** RBSPICE measurements of heavy ion loss during the 2015 March storm
7. **Quintin Schiller:** Simultaneous estimates of loss, source, and transport for a 1D radial diffusion model
8. **Adam Kellerman:** VERB-4D modeling including adiabatic effects: initial results

----- RB Challenge Starts Here -----

9. **Adam Kellerman:** Three dimensional reanalysis of radiation belt electrons: a global dataset for analysis of the GEM challenge events.
10. **Yiqun Yu:** The role of ring current particle injections: global simulations and Van Allen Probes observations during 17 March 2013 storm

Session 2 (13:50-15:20 PM, 5min/talk)

1. **Kyle Murphy:** Storm time and quiet time ULF wave power
2. **Ashar Ali:** DLL, statistical and event-specific with EFW
3. **Maria Usanova:** EMIC wave activity during the dropout events
4. **Nigel Meredith** (by Wen Li): Global model of lower band and upper band chorus from multiple satellite observations
5. **Wen Li:** Event-specific chorus wave evolution during challenge events
6. **Qianli Ma:** Magnetosonic wave distributions during GEM challenge events
7. **Jay Albert:** Last closed drift shells for the challenge events

8. **Suk-Bin Kang:** Quantitative estimation of dropouts during May 31 - June 3 and September 23 - 26 in 2013 with CIMI model
9. **Zhenpeng Su:** Nonstorm radiation belt dropout on 24 September 2013: preliminary analysis and simulation
10. **Si Liu:** Preliminary results of non-storm enhancement during 19-21 September 2013
11. **Jerry Goldstein:** Plasmopause Test Particle Simulations for the Entire Van Allen Probes Mission