

*International Conference on Radiation Belts and Space Weather*

*New Horizon from RBSP Mission*

May 29~June 1, 2012 / Hotel INTERCITI, Daejeon, Korea

Lavender Hall (4F)

<b>Session</b>	<b>Technical Program 5</b>
<b>Session Chair</b>	Prof. Dae-Young Lee (Chungbuk National University)
<b>Date</b>	May 31, 2012 (Thu.)
<b>Time</b>	11:10~12:50

**[Technical Session 5-1]** **[11:10~11:30]**

**[Rapid acceleration of radiation belt electrons by nonlinear wave trapping]**

*[Danny Summers (Memorial University of Newfoundland), Yoshiharu Omura (Kyoto University), and Rongxin Tang (Memorial University of Newfoundland)]*

**[Technical Session 5-2]** **[11:30~11:50]**

**[RBSP & DREAM: science studies and space weather applications]**

*[G. D. Reeves, R. H. W. Friedel, M. G. Henderson, S. K. Morley, W. Tu, Y. Yu, and S. Zaharia (Los Alamos National Laboratory, USA)]*

**[Technical Session 5-3]** **[11:50~12:10]**

**[Wave-particle interaction between whistler chorus and relativistic electrons: GEMSIS-RBW simulation]**

*[S. Saito (National Institute of Information and Communications Technology, Japan), Y. Miyoshi, and K. Seki (Nagoya University, Japan)]*

**[Technical Session 5-4]** **[12:10~12:30]**

**[Relativistic radiation belt electron responses to GEM magnetic storms: comparison of CRRES observations with 3-D VERB simulations]**

*[Kyung-Chan Kim (KASI, Korea), Yuri Shprits, Dmitriy Subbotin, and Binbin Ni (UCLA, USA)]*

**[Technical Session 5-5]** **[12:30~12:50]**

**[Recent advances on understanding the diffuse auroral precipitation: The role of resonant wave-particle interactions]**

*[Binbin Ni and Richard M. Thorne (UCLA, USA)]*