

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)

Session	Technical Program 7
Session Chair	Prof. Yoshizumi Miyoshi (Nagoya University)
Date	June 1, 2012 (Fri.)
Time	09:00~10:40

[Technical Session 7-1] [09:00~09:20]

[Radial diffusion of outer radiation belt electrons - the importance of ULF wave electric fields]

[*L. G. Ozeke, I. R. Mann, K. Murphy, I. J. Rae, and D. K. Milling (University of Alberta, Canada)*]

[Technical Session 7-2] [09:20~09:40]

[Properties of electromagnetic ion cyclotron waves in the outer magnetosphere]

[*Jeongwoo Lee and Kyungguk Min (New Jersey Institute of Technology, USA)*]

[Technical Session 7-3] [09:40~10:00]

[Dipole tilt control of the magnetopause for southward IMF from global magnetohydrodynamic simulations]

[*Z.-Q. Liu (Graduate University of Chinese Academy of Science, China), J. Y. Lu (China Meteorological Administration, China), and K. Kabin (Royal Military College of Canada, Canada)*]

[Technical Session 7-4] [10:00~10:20]

[Energetic electron and Pc 5 ULF wave interactions during great geomagnetic storms.]

[*E. A. Lee, I. R. Mann, L. G. Ozeke, and J. Paral (Univ. of Alberta, Canada)*]

[Technical Session 7-5] [10:20~10:40]

[A global MHD simulation study for transient magnetic field and plasma flow variations in the magnetosphere boundary under steady solar wind and IMF conditions]

[*Kyung Sun Park, Khan-Hyuk Kim (Kyung Hee University, Korea), Tatsuki Ogino (Nagoya University, Japan), and Dong-Hun Lee (Kyung Hee University, Korea)*]