

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 4
Session Chair	Prof. Danny Summers (Kyung Hee University , Memorial University of Newfoundland)
Date	May 31, 2012 (Thu.)
Time	09:00~10:40

[Technical Session 4-1] [09:00~09:20]

[The electric and magnetic field instrument suite and integrated science on the Radiation Belt Storm Probes]

[*C. A. Kletzing (University of Iowa, USA)*]

[Technical Session 4-2] [09:20~09:40]

[Chorus properties: importance for wave-particle interaction modeling]

[*Bruce T. Tsurutani (California Institute of Technology, USA), Gurbax S. Lakhina (Indian Institute of Geomagnetism, India), Olga P. Verkhoglyadova (California Institute of Technology, USA), Barbara J. Falkowski (Glendale City College, USA), Jolene S. Pickett*]

[Technical Session 4-3] [09:40~10:00]

[Eigenmodes and basis functions for pitch-angle diffusion with a partially filled loss cone]

[*Michael Schulz (Lockheed Martin Retiree, USA)*]

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

[Large-amplitude whistler waves and relativistic electron acceleration]

[*Peter Yoon (Univ. of Maryland, USA)*]

[Technical Session 4-5] [10:20~10:40]

[Whistler-mode chorus in the radiation belts: effects of wave-normal distribution for electron scattering]

[*O. Agapitov, A. Artemyev, H. Breuillard, V. Krasnoselskikh (LPC2E/CNRS University of Orleans, France), and G. Rolland (CNES, France)*]