

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)

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| Session | Technical Program 3 |
| Session Chair | Prof. Dong-Hun Lee (Kyung Hee University) |
| Date | May 30, 2012 (Wed.) |
| Time | 15:10~16:50 |

[Technical Session 3-1] [15:10~15:30]

[Stereo ENA imaging of the ring current and multi-point measurements of suprathermal particles and magnetic fields by TRIO-CINEMA]

[R. P. Lin (Univ. of California, USA), D.-H. Lee (Kyung Hee University, USA), T. Horbury (Imperial College London, UK), J. Sample (Univ. of California, USA), H. Jin, J.-H. Seon (Kyung Hee University, Korea), T. Immel, L. Wang (Univ. of California, USA),]

[Technical Session 3-2] [15:30~15:50]

[Modeling of energetic neutral atom emissions for CINEMA/TRIO]

[Ensang Lee, Hyuck-Jin Kwon, Jong-Sun Park, Jongho Seon, Ho Jin, Khan-Hyuk Kim, Dong-Hun Lee (Kyung Hee University, Korea), Linghua Wang, Robert P. Lin, and George K. Parks (University of California, USA)]

[Technical Session 3-3] [15:50~16:10]

[Global dynamics of the ring current, plasmasphere and coupling to the ionosphere: current knowledge and outstanding questions]

[Pontus C. Brandt (JHU/APL, USA), Kunihiro Keika (New Jersey Institute of Technology, USA), Donald G. Mitchell (JHU/APL, USA), L. J. Lanzerotti (New Jersey Institute of Technology, USA), Aleksandr Y. Ukhorskiy, Mikhail I. Sitnov, and V. Merkin (JHU/APL, US)]

[Technical Session 3-4] [16:10~16:30]

[Characteristics of trapping boundary of outer radiation belt depending on flux level of outer belt: THEMIS observation]

[Junga Hwang (KASI, Korea), Dae-Yong Lee (Chungbuk National University, Korea), Kyung-Chan Kim (KASI, Korea), Eunjin Choi (KASI, Korea), Dae-Kyu Shin, Jin-hee Kim, and Jung-Hee Cho (Chungbuk National University, Korea)]

[Technical Session 3-5] [16:30~16:50]

[Effects of the ring current and plasmasphere on ULF waves in the inner magnetosphere based on the GEMSIS-RC and RB models]

[K. Seki (Nagoya University, Japan), T. Amano (University of Tokyo, Japan), S. Saito (National

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Institute of Information and Communications Technology, Japan), Y. Miyoshi (Nagoya University, Japan), Y. Matsumoto (Chiba University, Japan), T. Umeda, Y. Miyashita (Nagoya University, Japan), and Y. Ebihara (Kyoto University, Japan)]