Curriculum Vitae

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Name: YOKOTA Shoichiro
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Interests

Low-energy particle measurements

Educational background

Ph.D. in Geophysics, 2003, University of Tokyo

Professional experience

Assistant Professor, Japan Aerospace Exploration Agency, Institute of Space and Astronautical Science, Division of Space Plasma Physics, 2006-Present

Expert Researcher, National Institute of Information and Communications Technology, Applied Research and Standards Department, Quasi-Zenith Satellite System Group, 2004-2006

List of Publications

1. S. Yokota, Y. Saito, K. Asamura, T. Tanaka, M. N. Nishino,1 H. Tsunakawa, H. Shibuya, M. Matsushima, H. Shimizu, F. Takahashi, M. Fujimoto, T. Mukai, and T. Terasawa, First direct detection of ions originating from the Moon by MAP-PACE IMA onboard SELENE(KAGUYA), *Geophys. Res. Lett.* , **36**, L11201, doi:10.1029/2009GL038185, 2009.
2. S. Yokota and Y. Saito, Circular one-dimensional position-sensitive time-of-flight MCP detector using resistive anode for space plasma measurements, *Rev. Sci. Instrum.*, **79**, 013301, DOI: 10.1063/1.2829881, 2008.
3. S. Yokota, Y. Saito, K. Asamura and T. Mukai, Development of an ion energy mass spectrometer for application on board three-axis stabilized spacecraft, *Rev. Sci. Instrum.*, **76**, 014501, 2005
4. S. Yokota and Y. Saito, Estimation of picked-up lunar ions for future compositional remote SIMS analyses of the lunar surface, *Earth, Planets and Space*, **57**, 281—289, 2005
5. S. Yokota, Y. Takahashi, M. Fujieda, J. Amagai, K. Kimura and S. Hama, Accuracy of two-way satellite time and frequency transfer via non-geostationary satellites, *Metrologia*, **42**, 344—350, 2005
6. S. Yokota, Y. Takahashi, M. Fujieda, J. Amagai, K. Kimura and S. Hama, Analysis of influences of the satellite motion on two-way satellite time transfer via the quasi-zenith satellite (QZS), *Proc. ION GNSS,* Long Beach Ca, Sep. 2005