

Curriculum Vitae

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Name: Go Murakami

Date of birth: 04.01.1984

Nationality: Japanese

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Interests

Imaging and spectroscopy of the planetary atmosphere and magnetosphere

Educational background

April, 2002 - March, 2006

Undergraduate student at The University of Tokyo

April, 2006 - March, 2011

Master course (2006-2008) and Ph.D. course (2008-2011) student at department of Earth and Planetary Science, The University of Tokyo (supervisor: Ichiro Yoshikawa)

Professional experience

April, 2011-

Research Fellow of the Japan Society for the Promotion of Science

Awards

List of Publications

(as the first author)

- **Murakami, G.**, K. Sakai, T. Homma, K. Yoshioka, I. Yoshikawa, S. Ichimaru, and H. Takenaka, Performance of Y2O3/Al multilayer coatings for the He-II radiation at 30.4 nm, Review of Scientific Instruments, 82, 033106-1-4, 2011.
- **Murakami, G.**, K. Yoshioka, and I. Yoshikawa, A high-resolution imaging detector using five microchannel plates and a resistive anode encoder, Applied Optics, 49, pp2985-2993, 2010.
- **Murakami, G.**, I. Yoshikawa, Y. Obana, K. Yoshioka, G. Ogawa, A. Yamazaki, M. Kagitani, M. Taguchi, M. Kikuchi, S. Kameda, and M. Nakamura, First

sequential images of the plasmasphere from the meridian perspective observed by KAGUYA, *Earth, Planets, and Space*, 62, e9-e12, 2010.

- **Murakami, G.**, K. Yoshioka, and I. Yoshikawa, Development of the high-resolution FUV detector for the BepiColombo mission, *Transactions of Japan Society for Aeronautical and Space Sciences, Space Technology Japan*, 7, ppPk_1-Pk_6, 2009.
- **Murakami, G.**, M. Hirai, and I. Yoshikawa, The plasmopause response to the southward turning of the IMF derived from sequential EUV images, *Journal of Geophysical Research*, 112, A06217, doi:10.1029/2006JA012174, 2007.
- **Murakami, G.**, K. Yoshioka, and I. Yoshikawa, Development of Mg/SiC multilayer mirrors, *Proceedings of SPIE*, vol. 6317, pp631714-1-8, 2006.

(as a coauthor)

- Yoshikawa, I., **G. Murakami**, G. Ogawa, K. Yoshioka, Y. Obana, M. Taguchi, A. Yamazaki, S. Kameda, M. Nakamura, M. Kikuchi, M. Kagitani, S. Okano, and W. Miyake, Plasmaspheric EUV image seen from the lunar orbit: Initial Result of Extreme Ultraviolet Telescope onboard KAGUYA spacecraft, *Journal of Geophysical Research*, 115, A04217, doi:10.1029/2009JA014978, 2010.
- Obana, Y., **G. Murakami**, I. Yoshikawa, I. R. Mann, P. J. Chi, and M. B. Moldwin, Conjunction study of plasmopause location using ground-based magnetometers, IMAGE-EUV, and KAGUYA-TEX data, *Journal of Geophysical Research*, 115, A06208, doi:10.1029/2009JA014704, 2010.
- Yoshioka, K., **G. Murakami**, I. Yoshikawa, M. Ueno, K. Uemizu, and A. Yamazaki, EUV observation from the Earth-orbiting satellite, EXCEED, *Advances in Space Research*, 45, pp314, 2010.
- Yoshikawa, I., S. Kameda, K. Hikosaka, **G. Murakami**, D. Rees, H. Nozawa, S. Okano, and O. Korabely, Attempt to identify a source mechanism of Mercury's sodium exosphere by a spectrometer using Fabry-Perot etalon, *Advances in Space Research*, 42, pp1172-1179, 2008.
- Yoshikawa, I., A. Yamazaki, **G. Murakami**, K. Yoshioka, S. Kameda, F. Ezawa, T. Toyota, W. Miyake, M. Taguchi, M. Kikuchi, and M. Nakamura, Telescope of extreme ultraviolet (TEX) onboard SELENE: science from the Moon, *Earth, Planets, and Space*, 60, pp407-416, 2008.