

## 2008年度 宇宙環境研究グループ国際会議講演

*“Evaluation of MoS<sub>2</sub> Bonded Film Degradation on ISS SM-SEED Experiment”*, Masao Akiyama, Masahito Tagawa, Koji Matsumoto, Proceedings of International Symposium on SM/MPAC-SEED Experiment, (JAXA-SP-08-015E), Tsukuba, Japan, March 10-11, 2008, 127-130.

*“Future Space Exposure Experiment beyond 2011 -Its Problems and New Challenges-”*, Masahito Tagawa, Proceedings of International Symposium on SM/MPAC-SEED Experiment, (JAXA-SP-08-015E), Tsukuba, Japan, March 10-11, 2008, 171-176.

*“Synergistic effect of EUV from the laser-sustained oxygen plasma in the ground-based atomic oxygen simulation of fluorinated polymers”*, Masahito Tagawa, Shingo Abe, Kazuhiro Kishida, Kumiko Yokota, Akio Okamoto, Proceedings of 9th International Space Conference, Protection of Materials and Structures from the LEO Space Environment, Toronto, Canada, May 19-23, 2008, AIP Conference Proceedings 1087, pp170-184.

*“Protection of diamond-like carbon films from an energetic atomic oxygen bombardment with Si-doping technology”*, Kumiko Yokota, Masahito Tagawa, Akira Kitamura, Koji Matsumoto, Akitaka Yoshigoe, Yuden Teraoka, Julien Fontaine, Michel Belin, Proceedings of 9th International Space Conference, Protection of Materials and Structures from the LEO Space Environment, Toronto, Canada, May 19-23, 2008, AIP Conference Proceedings 1087, pp368-383.

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*“Role of High-Impact Energy of O-Atom on the Material Degradation in a LEO Space Environment”*, Masahito Tagawa and Kumiko Yokota, International Symposium on Rarefied Gas Dynamics, AIP Conference Proceedings 1084, July 21-25, 2008, Kyoto, pp.688-693.

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*“ERDA/RBS/SR-PES study on the effect of reactive atomic beam exposures to the hydrogenated diamond-like carbon films”*, M. Tagawa, K. Yokota, A. Kitamura, A. Yoshigoe, Y. Teraoka, 4<sup>th</sup> International Workshop on Reactions Involving Oxidation & Hydrogen, August 22, 2008, Suita, Osaka, 30-41.

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