

2010年度 宇宙環境研究グループ国際会議講演

“Radiation Effect of the Soft X-ray on the Highly-Hydrogenated Diamond-Like Carbon Film”, Kazuhiro Kanda, Kumiko Yokota, Masahito Tagawa, Mayumi Tode, Yuden Teraoka, Shinji Matsui, The 4th International Conference on New Diamond and Nano Carbons, May 16-20, 2010, Suzhou, China.

“Role of Inert Gas Collision on a Material Degradation in Low Earth Orbit”, Masahito Tagawa, Kumiko Yokota, 61st International Astronautical Congress, Prague, Czech Republic, September 27-October 1, 2010.

“Role of hyperthermal atomic/molecular collisions on a space environmental effect of polymeric materials”, Masahito Tagawa and Kumiko Yokota, Pacificchem 2010, Oahu, HI, Dec. 15-Dec.20, 2010.

“Combined effect of atomic oxygen and vacuum ultraviolet on polymer degradation: Relevance to space environmental effect on polymer degradation”, Kumiko Yokota and Masahito Tagawa, Pacificchem 2010, Oahu, HI, Dec. 15-Dec.20, 2010.

“Erosion of FEP teflon and PMMA by VUV radiation and hyperthermal O or Ar atoms”, J. Zhang; N. F. Lindholm; A. L. Brunsvold; H. P. Upadhyaya; T. K. Minton; M. Tagawa, Pacificchem 2010, Oahu, HI, Dec. 15-Dec.20, 2010.

“Near edge X-ray absorption fine structure measurements of DLC and a-SiC_x:H films, “ Akira Wada, Takeshi Ogaki, Tomoyuki Yasukawa, Fumio Mizutani, Masahito Tagawa, Tsuneo Suzuki, Masahito Niibe, Hidetoshi Saitoh, Kazuhiro Kanda, Haruhiko Ito, 4th Workshop for International Standardization of Diamond-like Coatings, Tokyo, Nov. 19, 2010.