

The 6 th EU-Japan Joint Symposium on Plasma Processing (EU-Japan JSPP)

with special emphasis on
“Atomic and Molecular Processes in Atmospheric Pressure Plasmas

Okinawa Convention Center, Okinawa, Japan
21-23, April, 2008

Organized by
Global COE Program, Keio University
Center for Atomic and Molecular Technologies, Osaka University

The Symposium covers a broad range of science and technologies related to plasmas processing. This time we have selected "Atomic and Molecular Processes in Atmospheric Pressure Plasmas" as the special topic of the Symposium and plan to dedicate some sessions to this theme, which has gained special interest of the community in recent years due to its importance for a wide range of material processing by plasmas in atmospheric-pressure environments. Of course, other traditional topics in plasma science and technologies, including those of plasmas at low pressures, continue to be important subjects discussed in depth during the Symposium.

Scope:

- * atomic and molecular processes in plasmas
- * collision cross sections
- * low temperature plasmas
- * space/astrophysical plasmas
- * laser induced plasmas
- * plasma diagnostics
- * plasma-surface interactions
- * microplasmas
- * atmospheric/high-pressure plasmas
- * plasmas in (contact with) liquids
- * plasma processing, including etching, deposition, ion implantation, etc.
- * plasma application for nanotechnologies
- * plasma application for biotechnologies and medicine
- * other plasma processing

Organizing Committee:

Chair: Satoshi Hamaguchi (Osaka University)
Co-Chair: Nigel Mason (Open University)
Co-Chair: Zoran Petrovic (Institute of Physics)
Program Chair: Seiji Samukawa (Tohoku University)
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Academic Co-Sponsors:

The Japan Society of Applied Physics
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