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Commentary
Magnetic Confinement Fusion Plasma in the Fluid Description
-Extension of Magnetohydrodynamics with Relation to Experiments

nakajima noriyoshi, naitou hiroshi, todo yasushi and ishizawa akihiro

Lecture Note
Materials Processing in Reactive Plasmas Accompanied by Heat Flow
3. Application to Crystallization and Phase Change Control

3.1 Crystallization of Amorphous Silicon Films by Thermal Plasma Jet

higashi seiichiro and miyazaki seiichi

3.2 Preparation and Deposition of Inorganic Nanoparticles via Atmospheric Microplasma

shimizu yoshiki

4. Summary

nozaki tomohiro

Information

Plasma & Fusion Calendar
Announcement

Cover
SEM micrographs after the ruby laser pulse irradiations when the nanostructure was formed by the exposure to helium plasma in the diverter simulator NAGDIS-II. (a) shows the peripheral region of the laser beam, and (b) shows the central region of the laser. The transient heat load like ELMs could produce such a micrometer-sized W dust particles and form the cracks on the surface. (Shin KAJITA et al., Plasma and Fusion Research Vol.4, 004 (2009) http://www.jspfr.or.jp/PFR/)