Rapid Communications
Direct Observation of Shock Front Traveling into Silicon

YOKOYAMA Naoya, OZAKI Norimasa, SANO Tomokazu, SODA Tomofumi, KIMURA Tomoaki, MIYANISHI Kohei,ASAUMI Yuto,URANISHI Hiroyuki,SANO Takayoshi,SAKAWA Youichi,HIROSE Akio and KODAMA Ryosuke 249

Commentary
Novel Materials Generated in Harmony between Plasmas and Metamaterials .......................... SAKAI Osamu 251

Commentary
Applications of CR-39 Solid State Nuclear Track Detector to Ion Beam Diagnosis

KANASAKI Masato, FUKUDA Yuji, SAKAI Hironao, NISHIUCHI Mamiko, KONDO Kiminori, KURASHIMA Satoshi, KAMIYA Tomhiro, HATTORI Atsuto, ODA Keiji and YAMAUCHI Tomoya 261

Lecture Note
Joining Process with Arc Plasma

1. Plasma Properties in Arc Welding ................................. TASHIRO Shinichi and TANAKA Manabu 276

PFR Abstracts .................................................................................................................. 281

Information ................................................................................................................................ 282

Plasma & Fusion Calendar ........................................................................................................ 293

Announcement ....................................................................................................................... 295

Cover
(a)~(c) Temporal evolution of cross-correlation function in an intermittent phenomenon observed in the linear cylindrical plasmas in PANTA. An m = 2 structure rotates in the electron diamagnetic direction in the inner region while an m = 1 does oppositely in the periphery. (d) A structure inferred, assuming rigid body rotation of the structure, to cause an intermittent event from a simultaneous measurement at five radial positions. (Noriko OHYAMA et al., Plasma and Fusion Research Vol. 7, 1201025 (2012) http://www.jspfor.jp/PFR/)

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