

JOURNAL OF PLASMA AND FUSION RESEARCH

The Journal of the Japan Society of Plasma Science and Nuclear Fusion Research

Vol. 97, No. 4, April 2021

Commentary

Status and Prospects of Arcing in the Magnetic Confinement Fusion Studies	HWANGBO Dogyun	221
---	----------------	-----

Special Topic Articles

The Physics on Electron/Ion Acceleration by Controlling Density of Plasma on Target Surface and Controlling Technique of Laser Pulse Contrast		
11. World Trends of Development on Plasma Mirror	ARIKAWA Yasunobu	229

Front Runner

Visualization of the Link between Helical Fusion Reactor Design and R&D Activities	GOTO Takuya, MIYAZAWA Junichi, YANAGI Nagato and MUROGA Takeo	232
---	---	-----

Rapid Communications

Malware Detection Method by Power Fluctuation Monitoring	TANAKA Taku, CHIKARAISHI Hirotaka, TANAKA Keiko, HOSOMI Reika and MIURA Keisuke	238
---	---	-----

PFR Abstracts		240
---------------------	--	-----

Information		242
-------------------	--	-----

Announcement		250
--------------------	--	-----

Cover

A photograph and a time-integrated spectrum of a repetitive nanosecond pulsed glow hydrogen/methane discharge plasma produced in a parallel plate electrode at a gas pressure of 1.2 kPa. Diamond-like carbon (DLC) can be deposited on a silicon substrate placed on the bottom electrode at a deposition rate of 0.13 $\mu\text{m}/\text{min}$. (Katsuya IOKA *et al.*, Plasma and Fusion Research, Vol. 16, 1206038 (2021) <http://www.jspf.or.jp/>)



Published Monthly by

The Japan Society of Plasma Science and Nuclear Fusion Research

3-1-1 Uchiyama, Chikusa-ku, Nagoya 464-0075, Japan

Tel (052)735-3185, Fax (052)735-3485, E-mail: plasma@jsof.or.jp, URL: <http://www.jspf.or.jp/>