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Commentary

Thermal Diffusivity Measurement on Neutron Irradiated Tungsten Materials in PHENIX Project	AKIYOSHI Masafumi	645
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Special Topic Articles

Progress of Plasma Heating Physics by Use of a MHz Range of Electromagnetic Waves ~Pathways to High-Density Operation~		
1. Introduction	KASAHARA Hiroshi	651
2. Wave Heating Experiments by MHz Band Electromagnetic Waves on TST-2	TAKASE Yuichi	655
3. Heating Experiment Using Electromagnetic Wave of MHz-Range in Heliotron J	OKADA Hiroyuki	660
4. Wave Heating Experiments by Electromagnetic Waves of MHz Band in LHD	SEKI Tetsuo, SAITO Kenji, KAMIO Shuji and KASAHARA Hiroshi	665
5. Simulation of Wave Propagation and Heating for MHz Band Electromagnetic Waves by Using TASK-WM and AORSA	SEKI Ryosuke and TSUJII Naoto	669
6. Conclusion	MUTOH Takashi and KASAHARA Hiroshi	674

Lecture Note

Measurement Methods for Study of Electric Propulsion for Spacecraft		
1. Introduction	KUWAHARA Daisuke	677
2. Probe Measurement Methods for Study of Electric Propulsion	WATANABE Hiroki	680

PFR Abstracts		688
---------------------	--	-----

Information		689
-------------------	--	-----

Announcement		692
--------------------	--	-----

Cover

2D visible emission captured by a high-speed camera at the V-shaped target of the divertor simulation experimental module of GAMMA 10 /PDX. A transient behavior of the emission is observed due to the injection of ECH at the upstream plasma. (a) In the case with ECH, strong emission from the attached plasma with small throughput of Xe gas is observed over the whole area in front of the target (upper figure). In the case of detached plasma, emission is localized close to the corner (lower figure). (b) In the period without ECH, the emission intensity becomes lower and much reduced in the detached plasma. (Md. Shahinul ISLAM *et al.*, Plasma and Fusion Research, Vol. 15, 1402074 (2020) <http://www.jspf.or.jp/>)