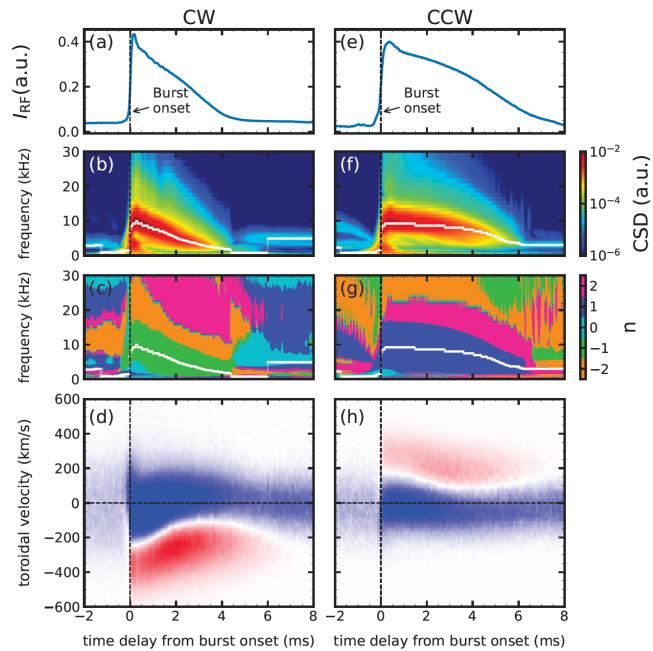


JOURNAL OF PLASMA AND FUSION RESEARCH

*The Journal of the Japan Society of Plasma Science and Nuclear Fusion Research*  
Vol. 102, No. 1, January 2026

Prologue .....	HANADA Masaya	1
Commentary		
Burst Intensification by Singularity Emitting Radiation in Laser Plasma		
PIROZHKOVA S., ESIRKEPOV Timur Zh., PIKUZ Tatiana A., SAGISAKA Akito, OGURA Koichi, KOGA James K., BIERWAGE Andreas, KIRIYAMA Hiromitsu, NAMBA Shinichi, BULANOV Sergei V., and KANDO Masaki		2
PFR List .....		26
Information .....		27
Announcement .....		36



Cover

In the Large Helical Device (LHD), we simultaneously observed the propagation of energetic-particle-driven MHD bursts and velocity-space distortions associated with Landau damping. When the magnetic field direction was reversed from clockwise (left column) to counterclockwise (right column), the propagation direction of the MHD bursts was found to reverse, as shown by the time evolution of the toroidal mode number (c, g). Correspondingly, we demonstrated that the resonant velocity associated with Landau damping also reversed, based on the velocity-distribution distortions measured by fast charge-exchange spectroscopy (d, h).

(Yuichi KAWACHI *et al.*, Plasma and Fusion Research, Vol. 20, 1202053 (2025) <https://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@jspf.or.jp, URL: <https://www.jspf.or.jp/>