

NON-INDUCTIVE PLASMA START-UP USING ELECTRON BERNSTEIN WAVE MODE-CONVERTED FROM ELECTRON CYCLOTRON WAVE LAUNCHED FROM HIGH-FIELD SIDE ON SPHERICAL TOKAMAK, QUEST

Thursday 16 October 2025 18:09 (1 minute)

Speaker's email address

hanada@tri-am.kyushu-u.ac.jp

Speaker's Affiliation

Research Institute for Applied Mechanics Kyushu University, Kasuga

Member State or IGO

Japan

Gender Survey (Speaker Only)

Mr

Author: HANADA, kazuaki (Advanced Fusion Research Center, Research Institute for Applied Mechanics, Kyushu University)

Co-authors: HIGASHIJIMA, Aki (Research Institute for Applied Mechanics); EJIRI, Akira (Graduate School of Frontier Sciences, The University of Tokyo); IDEI, Hiroshi (Research Institute for Applied Mechanics, Kyushu University); NIIYA, Ichiro (Research Institute for Applied Mechanics); SEKIYA, Izumi (Research Institute for Applied Mechanics); YINXIAN, Jie (Institute of plasma physics, Chinese academy of sciences); QIAN, Jinping (Institute of plasma physics, Chinese academy of sciences); KONO, Kaori (Research Institute for Applied Mechanics); NAKAMURA, Kazuo (Research Institute for Applied Mechanics); Dr KURODA, Kengoh (Japan Coast Guard Academy); HASEGAWA, Makoto (Research Institute for Applied Mechanics); OYA, Makoto (Interdisciplinary Graduate School of Engineering Sciences, Kyushu University); ONO, Masayuki (PPPL/Princeton University); RAMAN, Roger (PPPL/Princeton University); IKEZOE, Ryuya (Research Institute for Applied Mechanics, Kyushu University); MURAKAMI, Sadayoshi (Department Nuclear Engineering, Kyoto University); KOJIMA, Shinichiro; KAWASAKI, Shoji (Research Institute for Applied Mechanics); SHIMABUKURO, Shun (Research Institute for Applied Mechanics); SHIKAMA, Taichi (Kyoto University); NAGATA, Takahiro (Research Institute for Applied Mechanics); IDO, Takeshi (Kyushu Univ., Japan); ONCHI, Takumi (Kyushu University); GAO, Xiang (Institute of Plasma Physics, Chinese Academy of Sciences); NAGASHIMA, Yoshihiko (Research Institute for Applied Mechanics); JUNYAO, Zhou (Interdisciplinary Graduate School of Engineering Sciences, Kyushu University); LIU, haiqing (Institute of Plasma Physics, Chinese Academy of Sciences)

Presenter: HANADA, kazuaki (Advanced Fusion Research Center, Research Institute for Applied Mechanics, Kyushu University)

Session Classification: Posters 4

Track Classification: EX - Magnetic Fusion Experiments including Validation: EX-H - Heating & Current Drive