Contribution ID: 51 Type: Oral

SIMULATION OF MICROWAVE PLASMA GENERATOR OF WAVEGUIDE-RESONATOR TYPE

Results of technological microwave plasma generator simulation based on Comsol Multiphysics environment are presented. Argon is used as working gas, microwave power of 300...700W. The method of generation based on microwave discharge of 2.45 GHz is researched.

Primary author: PEREVERTAILO, Volodymyr

Co-author: Mr KUZMICHEV, Anatoly (National Technical University of Ukraine "Igor Sikorsky Kyiv Polytech-

nic Institute",)

Presenter: PEREVERTAILO, Volodymyr

Track Classification: Plasma Physics