

# Development of the setup for study of the gas ionization in the pulsating mode of combustion

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## Abstract

© 2018 Institute of Physics Publishing. All rights reserved. At present, known methods of direct conversion of the chemical energy of gaseous fuels to electrical energy are not so effective. This work is directed to developing the setup for experimental study of the gas ionization processes in the pulsating mode of combustion. This problem being solve for the first time. As result, schematic diagram and methodological recommendations will be developed which will be subsequently used for experimental studies.

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