

Special Issue

Low Temperature Plasma Jets: Physics, Diagnostics and Applications

Message from the Guest Editor

This Special Issue aims to provide a collection of papers on the fundamental aspects as well as applications of non-thermal plasma jets. These include diagnostics of the jet themselves, their interactions with surfaces, and their use in various industrial and scientific applications. Topics include (but are not limited to):

- Experimental measurements of the various jet parameters (electric field, charge density, reactive species concentrations, etc.)
- Interaction of jets with conducting and dielectric surfaces and with liquids
- Interaction of jets with each other
- Material processing (deposition, etching, ashing, etc.)
- Chemical applications
- Biological applications
- Medical applications

Guest Editor

Prof. Dr. Mounir Laroussi

Electrical & Computer Engineering Department, Old Dominion University, Norfolk, VA 23529, USA

Deadline for manuscript submissions

closed (1 September 2019)



Plasma

an Open Access Journal
by MDPI

Impact Factor 1.9
CiteScore 2.3



mdpi.com/si/21805

Plasma

MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
plasma@mdpi.com

[mdpi.com/journal/
plasma](https://mdpi.com/journal/plasma)





Plasma

an Open Access Journal
by MDPI

Impact Factor 1.9
CiteScore 2.3



[mdpi.com/journal/
plasma](https://mdpi.com/journal/plasma)



About the Journal

Message from the Editor-in-Chief

Editor-in-Chief

Prof. Dr. Andrey Starikovskiy
Department of Mechanical and Aerospace Engineering, Princeton
University, Princeton, NJ 08540, USA

Author Benefits

High Visibility:

indexed within ESCI (Web of Science), Scopus, Inspec, CAPlus / SciFinder, and other databases.

Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 22.9 days after submission; acceptance to publication is undertaken in 4.9 days (median values for papers published in this journal in the first half of 2024).

Recognition of Reviewers:

reviewers who provide timely, thorough peer-review reports receive vouchers entitling them to a discount on the APC of their next publication in any MDPI journal, in appreciation of the work done.