# Special Issue

# Dynamical Processes in Space Plasmas

### Message from the Guest Editor

Space plasma studies are crucial in understanding numerous physical, multiscale processes in nature. Space plasmas are essentially collisionless systems, and the velocity distribution functions of the plasma particles often exhibit features that are out of the classic thermal equilibrium, which play a vital role in the dynamics of the system. For this Special Issue, we invite the submissions of original papers and reviews of scientific papers investigating dynamical processes in collisionless space plasmas. The submitted papers should provide new knowledge regarding physical properties, the accurate description and analysis of plasma populations in specific plasma regimes or structures. Purely theoretical studies or purely modelling papers that cover new aspects and original concepts of space plasma processes are strongly encouraged. Also welcomed are papers presenting new methods and analysis tools for the analysis of plasma observations. In this Special Issue we welcome both original research papers and review articles on diverse topics such as:

- Collisionless plasmas
- Space plasmas
- Plasma dynamics

### Guest Editor

Dr. Georgios Nicolaou

Department of Space and Climate Physics, Mullard Space Science Laboratory, University College London, London, Dorking, Surrey RH5 6NT, UK

### Deadline for manuscript submissions

closed (30 October 2021)

Applied Sciences

an Open Access Journal by MDPI

Impact Factor 2.5
CiteScore 5.5

mdpi.com/si/52746

*Applied Sciences*
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
applsci@mdpi.com

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## Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

## Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo
Dipartimento di Fisica, Politecnico di Milano, Piazza L. da Vinci 32, 20133 Milano, Italy

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