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Modelling of Plasma Flow

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Message from the Guest Editors

The aim of this Special Issue is to collect a wide variety of papers which have as their unifying theme the modelling of plasma flows and of their associated instabilities or turbulence, as well as the use of analytical tools for the description of plasma processes that can be of interest to the physics of classical fluids. In order to grant accessibility to a wide audience, we intend to place a strong emphasis on the pedagogical presentation of subjects which may be relevant to the physics of laser plasma interaction, of magnetically confined plasmas fusion and astrophysical plasmas.

Keywords

- fluid and kinetic modelling in plasmas
- plasma turbulence
- laser-plasma interaction
- magnetized plasmas

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Message from the Editor-in-Chief

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