



Special Issue on Nonlinear Physics and Its Applications

Call for Papers

Almost all real systems are nonlinear. For a nonlinear system the superposition principle breaks down: The system's response is not proportional to the stimulus it receives; the whole is more than the sum of its parts. The theory of solitons involves a broad variety of mathematical methods and appears in many areas of physics, technology, biology, and pure and applied mathematics. The goal of this special issue is to provide a platform for scientists and academicians all over the world to promote, share, and discuss various new issues and developments in the area of **Nonlinear Physics and Its Applications**.

In this special issue, we invite front-line researchers and authors to submit original research and review articles that explore **Nonlinear Physics and Its Applications**. In this special issue, potential topics include, but are not limited to:

- On the rational solutions of the shabat equation
- Characterization and solution of the dispersionless hirota equations
- Fractals; chaos
- Solitons & Pattern formation
- Cellular automata
- Complex systems
- Nonlinear dynamics

Authors should read over the journal's [Authors' Guidelines](#) carefully before submission. Prospective authors should submit an electronic copy of their complete manuscript through the journal's [Paper Submission System](#).

Please kindly specify the “**Special Issue**” under your manuscript title. The research field “**Special Issue - Nonlinear Physics and Its Applications**” should be selected during your submission.

Special Issue timetable:

Submission Deadline	June 27th, 2026
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Guest Editor:

Prof. Mário F. S. Ferreira, Aveiro University, Portugal.

For further questions or inquiries



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