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# **Nonlinear Dynamics**

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closed (30 September 2021)

# **Message from the Guest Editors**

Dear Colleagues,

The modeling and control of nonlinear dynamic systems is still a challenging problem in mathematics and engineering. Despite much investigation being carried out so far, nonlinear and complex phenomena are not yet fully understood, due to their considerable randomness and a diversity of reasons underlying the energy dissipation involving the dynamic effects. In fact, the present knowledge and scientific tools are still far from capturing the overall richness of the system dynamics.

This Special Issue focuses on the modeling and control of nonlinear dynamic systems. Manuscripts on nonlinear dynamics, advanced control systems, complex dynamics, fractional calculus and its applications, fractals and chaos, multibody systems, robotics, and modelling, among others, are welcome.

The Special Issue will bring together contributions from researchers in different topics of engineering, mathematics, physics, biology, geophysics, and other sciences. Papers describing original theoretical research as well as new experimental results are expected.











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# Message from the Editor-in-Chief

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