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## Special Issue on Robust and Nonlinear Control

### Call for Papers

**Nonlinear control theory** is the area of control theory which deals with systems that are nonlinear, time-variant, or both. It applies to systems made of linear devices; which means they obey the superposition principle; the output of the device is proportional to its input. Systems with this property are governed by linear differential equations.

**Robust control** is an approach to controller design that explicitly deals with uncertainty. Robust control methods are designed to function properly provided that uncertain parameters or disturbances are found within some (typically compact) set. Robust methods aim to achieve robust performance and/or stability in the presence of bounded modeling errors.

In this special issue, we intend to invite front-line researchers and authors to submit original research and review articles on **robust and nonlinear control**. Potential topics include, but are not limited to:

- Active disturbance rejection control
- Robust nonlinear control
- Governing multi-agent systems
- Discrete-time nonlinear systems
- Passivity analysis of markovian jump systems
- Adaptive output feedback control
- Distributed  $H^\infty$  filtering
- Robust fault detection for time-delay systems
- Nonlinear systems with stochastic uncertainty

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

Please kindly notice that the “**Special Issue**” under your manuscript title is supposed to be specified and the research field “**Special Issue – Robust and Nonlinear Control**” should be chosen during your submission.

According to the following timetable:



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**Guest Editor:**

For further questions or inquiries  
Please contact Editorial Assistant at  
[wjet@scirp.org](mailto:wjet@scirp.org)