

# SPECIAL ISSUE BASED ON THE 5TH INTERNATIONAL CONFERENCE ON MECHANICS, MATHEMATICS AND APPLIED PHYSICS (ICMMAP 2021)

## GUEST EDITORS

---

**Quanxin Zhu**, Hunan Normal University, China; [zqx22@hunnu.edu.cn](mailto:zqx22@hunnu.edu.cn) (lead Guest Editor)  
**Bao Wang**, Xuzhou Institute of Technology, China  
**T. Saravanakumar**, Institute of Mathematics, VAST, Vietnam

## DESCRIPTION

---

This special issue in *Open Mathematics* is organized in cooperation with the 5th International Conference on Mechanics, Mathematics and Applied Physics (ICMMAP 2021), which will be held on June 18-20, 2021 in Ningbo, China. ICMMAP 2021 is to bring together innovative academics and industrial experts in the field of mechanics, mathematics and applied physics to a common forum. The Special Issue will feature selected and fully-refereed papers from the contributions presented at the conference.

Contributions to the Special Issue may address (but are not limited) to the following aspects:

- ▶ Stochastic stability analysis of complex systems
- ▶ The existence and uniqueness of solutions to complex stochastic systems
- ▶ Control design and stabilization of continuous-time or discrete-time stochastic nonlinear systems
- ▶ Numerical approximation methods in stochastic systems
- ▶ Sample-data control of stochastic nonlinear systems
- ▶ Applications of stochastic systems in engineering, physics, biochemistry and economics
- ▶ Optimal control of stochastic systems

Authors are requested to submit their full revised papers complying the general scope of the journal. The submitted papers will undergo the standard peer-review process before they can be accepted. Notification of acceptance will be communicated as we progress with the review process.

## HOW TO SUBMIT

---

Before submission authors should carefully read the [Instruction for Authors](#).

Manuscripts can be written in TeX, LaTeX (strongly recommended) - the journal's [LATEX template](#). Please note that we do not accept papers in Plain TEX format. Text files can be also submitted as standard DOCUMENT (.DOC) which is acceptable if the submission in LATEX is not possible. **For an initial submission, the authors are strongly advised to upload their entire manuscript, including tables and figures, as a single PDF file.**

All submissions to the Special Issue must be made electronically via online submission system Editorial Manager: <https://www.editorialmanager.com/openmath/>

All manuscripts will undergo the standard peer-review process (single blind, at least two independent reviewers). When entering your submission via online submission system please choose the option "*SI based on ICMMAP 2021*".

Submission of a manuscript implies that the work described has not been published before and it is not under consideration for publication anywhere else.

The deadline for submissions is **31st October 2021**, but individual papers will be reviewed and published online on an ongoing basis.

Contributors to the Special Issue will benefit from:

- ▶ critical peer-review
- ▶ no space constraints
- ▶ quick online publication upon completing the publishing process (**continuous publication model**)
- ▶ content converting to xml
- ▶ better visibility due to **Open Access** - free, unrestricted and permanent access to all the content
- ▶ **liberal policies on copyrights** (authors retain copyrights) and on self-archiving (no embargo periods)
- ▶ **promotion of published papers** to readers and citers
- ▶ long-term preservation - content archiving with Portico

We are looking forward to your submission!

In case of any questions please contact:

**Dr. Justyna Żuk** (Managing Editor; [Justyna.Zuk@degruyter.com](mailto:Justyna.Zuk@degruyter.com))