Mathematical Methods in the Applied Sciences

Call For Papers

Special Issue on: "Time-Partial Differential Equations: Modelling and Simulation"

In light of: 2nd International Conference on Mathematical Modelling in Applied Sciences
August 20-24, 2019, Belgorod, Russia
http://icmmas19.alpha-publishing.net

Participants of the ICMMAS'19 conference are encouraged to submit an original paper, not published or submitted elsewhere, to a special issue of Mathematical Methods in the Applied Sciences.

The special issue will be guest edited by Amar Debbouche (Guelma University, Algeria) and Vladimir Vasilyev (Belgorod State University, Russia).

The main topics include but are not limited to:

- Mathematical models involving PDEs
- Navier-stokes and reaction-diffusion systems
- Difference and discrete-time systems analysis
- New integral transforms and mathematical tools
- Solvability techniques and stability properties
- Simulation of cancer dynamic systems
- Modelling of HIV/AIDS epidemiology
- Optimal control and optimization problems
- Well-posed, Ill-posed and inverse problems
- Random analysis and stochastic processes

Submissions should be made before **31 January 2020**. Publication is planned according to journal arrangements.

How to submit: Authors must submit their articles using the online submission system. During the submission process, and at the initial stage **Step 1: Type, Title, & Abstract**, it is required to select **Special Issue Paper** as *Type and to answer Yes at **Special Issue**. Also, it is very important to choose an appropriate **Advisory Editor Selection** (A. Debbouche or V. Vasilyev) and to select **Special Issue Information** (A. Debbouche, V. Vasilyev: Time-Partial Differential Equations: Modelling and Simulation) when you reach **Step 6: Details & Comments.**

The papers should be written in English, carefully checked for correct grammar and spelling, and the initial submission must be 10 pages or less. Each paper should clearly indicate the nature of its scientific contribution. Manuscripts should be submitted in LaTeX, prepared using the journal's style file and instructions. Submission of a manuscript will be understood to mean that the paper is not being considered for publication elsewhere. All submitted papers must be adapted to the MMAS LaTeX template. Papers that are not prepared according to the above instructions or badly written that do not follow the MMAS Author Guidelines or with an OSIP (Overall Similarity Index Percentage) more than 35 % will be immediately rejected. All papers will be subject to a peer review process.