



Mathematical and Numerical Analysis of Nonlinear Evolution Equations : Advances and Perspectives

Guest Editor:

Prof. Dr. Carlo Bianca

Department of Mathematics,
EFrei Research Lab, Paris-
Panthéon-Assas University, 30/32
Avenue de la République, 94800
Villejuif, France

Message from the Guest Editor

This Special Issue is devoted to researchers working in the fields of pure and applied mathematical physics, specifically to researchers who are involved in the mathematical and numerical analysis of nonlinear evolution equations and their applications. Original research articles as well as review articles are welcome.

The topics include, but are not limited to, the following:

- Prey–predator models;
- Kinetic-type models;
- Multiscale models;
- Computational models;
- Fractional models;
- Asymptotic analysis and methods;
- Approximative methods;
- Bifurcation analysis;
- Chaos and synchronization analysis;
- Nonlinear dynamics;
- Complex dynamics;
- Far-from-equilibrium dynamics;
- Blow-up of solutions;
- Fractional calculus.

Deadline for manuscript
submissions:

closed (31 March 2020)





Editor-in-Chief

Prof. Dr. Francisco Chiclana

School of Computer Science and
Informatics, De Montfort
University, The Gateway,
Leicester LE1 9BH, UK

Message from the Editor-in-Chief

The journal *Mathematics* publishes high-quality, refereed papers that treat both pure and applied mathematics. The journal highlights articles devoted to the mathematical treatment of questions arising in physics, chemistry, biology, statistics, finance, computer science, engineering and sociology, particularly those that stress analytical/algebraic aspects and novel problems and their solutions. One of the missions of the journal is to serve mathematicians and scientists through the prompt publication of significant advances in any branch of science and technology, and to provide a forum for the discussion of new scientific developments.

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Mathematics Editorial Office
MDPI, St. Alban-Anlage 66
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