

Special issue: “Computational Methods in Applied Sciences”

This Special Issue originates the “*International Conference on Computational Methods in Applied Sciences*” (**IC²MAS 2019**) will be held in Istanbul at Gelisim University in the period of July 12 -July 16, 2019.

The goal of the conference was to bring together active researchers from Mathematics, Physics and Engineering to showcase their state-of-the-art research results and hopefully to forge new cross-disciplinary interactions among the participants. The conference provided a unique opportunity for in-depth technical discussions and exchange of ideas in Mathematics and Engineering, as well as explores the potential of their applications in natural and social sciences, engineering, technology, industry and finance. Although many different type of contributions were presented at the conference, we intend to focus on publishing only high quality papers which outlines recent progresses in inequalities and their applications. Selected papers will provide original contributions to numerical and computational analysis and be general interest to the readers of the Journal of “**Applied Mathematics and Nonlinear Sciences**” .

A short list of topics of interest:

This Special Issue is focused on new developments and new ideas in the area of inequalities, its applications and related topics. The potential topics include, but are not limited to the following scopes:

- Fractional Calculus with Applications
- Statistics and its Applications
- Group Preserving Scheme
- Lie Symmetry
- Conservation Laws
- Spectral Methods
- Reproducing Kernel Method
- Financial Mathematics
- Fluid Dynamics
- Boundary Value Problems
- Electromagnetism
- Heat and Mass Transfers
- Structural Mechanics
- Semiconductor Modelling

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Deadlines

1- Last date of submission: 20.07.2019

2- Publication Date: 30.12.2019

All papers should be submitted via on-line via the journal web page:

<https://content.sciendo.com/view/journals/amns/amns-overview.xml>