Applications of Computational Mathematics to Simulation and Data Analysis II

Guest Editors:

Dr. Carlos Balsa

Dr. Teresa Guarda

Dr. Ronan Guivarch

Dr. Sílvio Gama

Deadline for manuscript submissions:
closed (1 November 2023)

Message from the Guest Editors

This Special Issue will publish a set of selected papers from ACMaSDA 2022 - Applications of Computational Mathematics to Simulation and Data Analysis, integrated in ARTIIS 2022, held on 12–15 September, Santiago de Compostela, Spain. This Special Issue focuses on the applications of computational mathematics to simulation and data analysis in various fields of science and engineering. It seeks to highlight the potential of interdisciplinary interactions as a source of new knowledge.

Contributions with new research results involving computational mathematics, numerical methods, high-performance computing, and their applications in different fields, such as fluid mechanics, mass and heat transfer, energy, weather forecasts, and medical or biological processes are welcome.

The list of topics of interest includes but is not limited to the following:

- Simulation and data analysis;
- Computation in earth sciences;
- Computational mechanics;
- Computing in healthcare and biosciences;
- Digital image processing;
- High-performance computing;
- Numerical algorithms for computational science;
- Econophysics;
- Weather and environment forecast.

Special Issue

Editor-in-Chief

Prof. Dr. Ali Cemal Benim
Center of Flow Simulation (CFS), Department of Mechanical and Process Engineering, Duesseldorf University of Applied Sciences, D-40476 Duesseldorf, Germany

Message from the Editor-in-Chief

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