Special Issue

Recent Advancements in Computational Fluid Mechanics and Heat Transfer

Message from the Guest Editor

This Special Issue focuses on numerical methods in fluid mechanics and heat transfer, emphasizing its recent advancements and their use in many industrial and academic applications. We welcome manuscripts on new modeling techniques and innovations that address the key issues and inherent difficulties in the simulation of fluid flow and heat transfer systems. We invite manuscripts that focus on developing the following computational techniques for simulating fluid flow and heat transfer in the aforementioned applications: conventional methods such as the finite difference method (FDM), finite volume method (FVM), finite element method (FEM), and new, attractive computational methodologies such as the lattice Boltzmann method (LBM), smoothed particle hydrodynamics (SPH), molecular dynamics, dissipative particle dynamics, etc.

Guest Editor

Dr. Suresh Alapati

Department of Mechatronics Engineering, Kyungsung University, 309, Suyeong-ro (Daeyeon-Dong), Nam-gu, Busan 48434, Republic of Korea

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Message from the Editor-in-Chief

Axioms is dedicated to the foundations (structure and axiomatic basis, in particular) of mathematical theories, not only from a crisp or strictly classical sense, but also from a fuzzy and generalized sense. This includes the more innovative current scientific trends, devoted to discover and solve new challenging problems. The prime goal of *Axioms* is to publish first-class, original research articles under an open access policy with minimal fees for the authors. We would be pleased to welcome you as one of our authors.

Editor-in-Chief

Prof. Dr. Humberto Bustince
Department of Statistics, Computer Science and Mathematics, Public University of Navarra, 31006 Pamplona, Spain

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