Special Issue

Discontinuous Galerkin Methods

Message from the Guest Editor

Discontinuous Galerkin methods are widely employed in computational science and engineering fields, as they offer accurate and efficient simulations. The development, analysis and applications of discontinuous Galerkin methods have thus stimulated significant research. This Special Issue aims to create a platform for papers for the exchange of knowledge on all aspects of discontinuous Galerkin methods. This Special Issue will present the latest scientific advances, reviews, communications, and short notes considering discontinuous Galerkin methods.

Guest Editor

Prof. Dr. Eric T. Chung

Department of Mathematics, Chinese University of Hong Kong, Hong Kong, China

Deadline for manuscript submissions

closed (15 November 2022)



Mathematical and Computational Applications

an Open Access Journal by MDPI

Impact Factor 2.1 Indexed in Scopus



mdpi.com/si/117150

Mathematical and Computational Applications Editorial Office MDPI, Grosspeteranlage 5 4052 Basel, Switzerland Tel: +41 61 683 77 34 mca@mdpi.com

mdpi.com/journal/ mca





Mathematical and Computational Applications

an Open Access Journal by MDPI

Impact Factor 2.1 Indexed in Scopus



About the Journal

Message from the Editorial Board

Editors-in-Chief

Prof. Dr. Oliver Schütze

Departamento de Computacion, Cinvestav, Mexico City 07360, Mexico Prof. Dr. Gianluigi Rozza

SISSA MathLab, International School for Advanced Studies, Office A-435, Via Bonomea 265, 34136 Trieste, Italy

Author Benefits

High Visibility:

indexed within Scopus, ESCI (Web of Science), Inspec, and other databases.

Journal Rank:

JCR - Q2 (Mathematics, Interdisciplinary Applications)

Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 24.9 days after submission; acceptance to publication is undertaken in 2.5 days (median values for papers published in this journal in the second half of 2025).

