Topical Collection

Editorial Board Members' Collection Series: Feature Papers in Mathematical Sciences

Message from the Collection Editors

This Topical Collection will publish high-quality mathematical papers in the area of functional differential equations. Emphasis is placed on developments in the theory of delay differential, integrodifferential, impulsive differential, and difference equations and their applications. Possible paper topics include various boundary value problems; the positivity/negativity of their solutions; Green's functions and their properties; existence and uniqueness solutions of nonlinear boundary value problems; optimization and control theory; stability theory; oscillation and non-oscillation; variational problems; and the use of functional differential equations in technology, economics, biology, and medicine. In interdisciplinary approaches, which necessarily combine concepts and tools from different fields, mathematics is commonly the language used to merge all the different concepts into a unique model. Cross-border modeling and numerical simulation work within the subfields of physics and engineering are particularly welcome in this Topical Collection.

Collection Editors

Prof. Dr. Ravi P. Agarwal

Emeritus Research Professor of Department of Mathematics and Systems Engineering, Florida Institute of Technology, Melbourne, FL 32901, USA

Prof. Dr. Dimplekumar N. Chalishajar

Department of Applied Mathematics, Virginia Military Institute, 435 Mallory Hall, Letcher Avenue, Lexington, VA 24450, USA



Foundations

an Open Access Journal by MDPI



mdpi.com/si/143827

Foundations Editorial Office MDPI, Grosspeteranlage 5 4052 Basel, Switzerland Tel: +41 61 683 77 34 foundations@mdpi.com

mdpi.com/journal/ foundations





Foundations

an Open Access Journal by MDPI



foundations

Message from the Editor-in-Chief

Editor-in-Chief

Prof. Dr. Martin Bohner

About the Journal

Department of Mathematics and Statistics, Missouri University of Science and Technology, Rolla, MO 65409, USA

Author Benefits

Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 37.3 days after submission; acceptance to publication is undertaken in 4.7 days (median values for papers published in this journal in the first half of 2025).

Recognition of Reviewers:

APC discount vouchers, optional signed peer review, and reviewer names published annually in the journal.

