Special Issue

Mathematical and Statistical Methods for Fostering Innovations in Small and Medium-Sized Enterprises

Message from the Guest Editors

Startups operate in highly competitive and fluctuating markets, and continuous innovation is key to their survival. Continuous innovation can take various forms, such as through business model innovation. This requires startups to be highly responsive to opportunities in the marketplace. These opportunities could spur radical or incremental innovations. This ability to foster innovation comes from the dynamic capabilities of the startup. This Special Issue aims to disseminate research that highlights how startups could continuously innovate in fluctuating markets and, most importantly, how they continuously build their dynamic capabilities. The innovation requires startups to generate ideas, test these ideas, and finally commercialise them. The innovations in startups are executed through continuous experimentations where hypotheses related to ideas, products, technologies, market selections, or any business processes are validated before they are executed in reality. The continuous experimentation is thus based on rigorous mathematical models. This Special Issue will disseminate innovation-related research pertaining to SMEs supported by rigorous mathematical models.

Guest Editors

Prof. Dr. Varun Gupta

Prof. Dr. Chetna Gupta

Prof. Dr. Antonio Ferreras

Dr. Leandro Ferreira Pereira

Dr. Lawrence Peters

Deadline for manuscript submissions

closed (30 December 2023)

MDPI

Σ

Mathematics

an Open Access Journal by MDPI

**Impact Factor 2.2
CiteScore 4.6**

mdpi.com/journal/
mathematics

About the Journal

Message from the Editor-in-Chief

The journal *Mathematics* publishes high-quality, refereed papers that treat both pure and applied mathematics. The journal highlights articles devoted to the mathematical treatment of questions arising in physics, chemistry, biology, statistics, finance, computer science, engineering and sociology, particularly those that stress analytical/algebraic aspects and novel problems and their solutions. One of the missions of the journal is to serve mathematicians and scientists through the prompt publication of significant advances in any branch of science and technology, and to provide a forum for the discussion of new scientific developments.

Editor-in-Chief

Prof. Dr. Francisco Chiclana
School of Computer Science and Informatics, De Montfort University, The Gateway, Leicester LE1 9BH, UK

Author Benefits

High Visibility:
indexed within Scopus, SCIE (Web of Science), RePEc, and other databases.

Journal Rank:
JCR - Q1 (Mathematics) / CiteScore - Q1 (General Mathematics)

Rapid Publication:
manuscripts are peer-reviewed and a first decision is provided to authors approximately 18.4 days after submission; acceptance to publication is undertaken in 2.4 days (median values for papers published in this journal in the first half of 2025).