



CALL FOR PAPERS

ICPAM 2026 – Special Session

Mathematical Modelling, Optimization, and Computational Analytics for Business, Health, and Intelligent Systems

London, United Kingdom | 📅 15–18 July 2026

SPECIAL SESSION FOCUS

This special session focuses on rigorous mathematical and computational frameworks that underpin modern business analytics, management science, health modelling, and intelligent decision systems. Emphasis is placed on optimization theory, stochastic processes, network modelling, and data-driven mathematical methods used to formally analyze organizational behavior, innovation dynamics, and leadership processes in complex adaptive systems.

Concepts such as psychological ownership, organizational behavior, inclusive leadership, and innovation are treated through quantitative lenses including agent-based modelling, graph-theoretic interaction structures, optimization under uncertainty, and computational simulation. Applications serve as motivating case studies to highlight methodological and theoretical advances in pure and applied mathematics.

TOPICS OF INTEREST

- Computational and Applied Mathematics
- Computational Biomechanics and Dynamical Systems
- Mathematical Modelling of Innovation Diffusion and Adoption
- Graph Theory and Complex Network Modelling
- Machine Learning from a Mathematical Perspective
- Mathematical Frameworks for Inclusive Leadership and Team Dynamics
- Mathematical Epidemiology and Disease Modelling ORGANIZERS
- High-Performance Scientific Computing
- Financial Mathematics and Risk Modelling
- Supply Chain and Business Analytics Modelling
- Quantitative Models of Psychological Ownership
- Operations Research and Decision Theory
- Network and Game-Theoretic Models of Organizational Behavior
- Uncertainty Quantification and Data-Driven Modelling

IMPORTANT DEADLINE

Paper Submission Deadline: 25 April 2026

SUBMISSION LINK

<https://www.zmeeting.org/submission/ss1icpam2026>

ORGANIZERS

Chair: **Dr. Farkhanda Afzal**

School of Electrical Engineering and Computer Science

National University of Sciences & Technology (NUST), Islamabad, Pakistan

Email: farkhanda.afzal@seecs.edu.pk

Co-Chair: **Dr. Minhas Mahsud, FHEA**

Ulster Business School

Ulster University, Belfast, United Kingdom

Email: m.mahsud@ulster.ac.uk

CONTACT

Conference Secretary: Miss Amber

Lin E-mail: icpam@sciei.org

Tel: +1-562-606-1057 (USA, International) +861-820-7777775 (Chinese)

Scan QR code for full conference information:

