

Special Session on
Data Driven Decision Support Systems for Smart Business Solutions
in conjunction with
13th World Congress on Information and Communication Technologies (WICT 2023)
December 14-15, 2023
Website: <https://www.mirlabs.net/wict23>

Hybrid Mode – Online & Offline
Onsite Venues: <http://mirlabs.org/wict23/venue2.php>

Objectives and Scope

The special session invites researchers, practitioners and policy makers to gather for the discussion on the digitalization topics affecting business and society and share the newest research knowledge of the efficient computational intelligence methods, decision making for implementing business information systems in finance, e-business and other application domains. We expect the papers which suggest solutions for providing advanced services for the information systems users, propose innovative approach for smart business and process modelling, especially targeting digital transformation issues in the era of Generative AI.

Subtopics

The topics include, but are not limited to:

- Development and application of integrated solutions in business
- Artificial intelligence in the data intensive domains of finance, government, business;
- Business process and information requirements analysis;
- Advanced knowledge-based business information systems;
- Decision support systems;
- Knowledge-based models of data mining in business;
- Agent-based and embedded systems in business applications;
- Information systems in e-business, e-banking, marketing, e-health;
- Advanced computational approaches to portfolio optimization and selection;
- Analysis of financial time series, sentiment analysis;
- Estimations, modelling, algorithms of application of investment strategies in financial markets.
- Enhancing Customer Support and Service in the era of Generative AI (ChatGPT, Dall-E, Bard and others)

Paper publications

- Proceedings will be published in Lecture Notes in Networks and Systems, Springer (<https://www.springer.com/series/15179>)
- Indexed by SCOPUS, INSPEC, WTI Frankfurt eG, zbMATH, SCImago
- Paper maximum length is 10 pages
- Papers must be formatted according to Springer format (Latex/word) available at: <https://www.springer.com/de/authors-editors/book-authors-editors/manuscript-preparation/5636#c3324>
- Submission Link: <https://cmt3.research.microsoft.com/WICT2023>

Important Dates

Paper submission due: **September 30, 2023**

Notification of paper acceptance: **October 31, 2023**

Registration and Final manuscript due: **November 10, 2023**

Conference Date: **December 13-15, 2023**

Special Session Chairs

- **Dr. Dalia Kriksciuniene**, Vilnius University, Lithuania
- **Dr. Virgilijus Sakalauskas** Vilnius University, Lithuania

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