



12th International Conference on Computational Collective Intelligence ICCCI 2020

30 November – 3 December 2020, Da Nang, Vietnam



IMIS 2020

Special Session on Intelligent Management Information Systems

at the 12th International Conference on Computational Collective Intelligence (ICCCI 2020)

Da Nang, Vietnam, 30 November – 3 December 2020

Conference website: <http://www.iccci.pwr.edu.pl/>

Special Session Organizers

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Objectives and topics

Management information systems play currently a vital role in the activities of various types of organizations. These systems allow for the collection and processing of a large amount of information, but also greatly support knowledge management in the organization. In the Industry 4.0 era the system should also be able to understand the significance of phenomena occurring around the organization environment. It is becoming more and more necessary to make decisions based not only on knowledge but also on experience, thus far regarded as purely human domain. The IMIS 2020 Special Session at the 12th International Conference on Computational Collective Intelligence (ICCCI 2020) is devoted to models, methods and approaches addressing developing of intelligent solution for improving functionality of management information systems. We want to offer an opportunity for researchers and practitioners to identify new promising research directions as well as to publish recent advances in this area. The scope of the IMIS 2020 includes, but is not limited to the following topics related to management information systems:

- Industry 4.0 solutions,
- Deep learning and cognitive technologies,
- Machine learning,
- Agent-based systems,
- Genetic and evolutionary algorithms,
- Bioinformatics,
- Bioeconomy,
- Financial systems,
- Blockchain,
- Cryptocurrencies,
- Intelligent human-computer interfaces,
- Intelligent personalization,
- Intelligent controlling systems,
- Knowledge management,
- Semantic methods,
- Business processes modeling and simulations,
- Intelligent decision supporting,

- Systems' integration,
- Cyber Security Management,
- Internet of Things.

Important dates

Due to the COVID-19 pandemic the conference date was postponed to 30 November - 3 December 2020
The second round of submitting and reviewing is organized:

Submission of papers: **June 1, 2020 (Hard deadline)**
Notification of acceptance: **July 1, 2020**
Camera-ready papers: **July 15, 2020**
Registration & payment: **July 15, 2020**
Conference date: **Nov. 30 - Dec. 3, 2020**

Program Committee

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Submission

All contributions should be original and not published elsewhere or intended to be published during the review period. Authors are invited to submit their papers electronically in pdf format, through EasyChair. All the special sessions are centralized as tracks in the same conference management system as the regular papers. Therefore, to submit a paper please activate the following link and select the track: **IMIS 2020: Special Session on Intelligent Management Information Systems.**

<https://easychair.org/conferences/?conf=iccci20200>

Authors are invited to submit original previously unpublished research papers written in English, of up to 12 pages, strictly following the LNCS/LNAI format guidelines. Authors can download the Latex (recommended) or Word templates available at [Springer's web site](#). Submissions not following the format guidelines will be rejected without review. To ensure high quality, all papers will be thoroughly reviewed by the IMIS 2020 Program Committee. All accepted papers must be presented by one of the authors who must register for the conference and pay the fee. The conference proceedings will be published by Springer in the prestigious series LNCS/LNAI (indexed by ISI CPCI-S, included in ISI Web of Science, EI, ACM Digital Library, dblp, Google Scholar, Scopus, etc.).

COVID-19 pandemic issues

The ICCCI 2020 organizing committee decided to firmly organize the conference on the scheduled date from November 30 to December 3, 2020 on-site in Da Nang.

If, due to the COVID-19 pandemic, any of the authors will not be able to come to Vietnam, the organizing committee will provide them with the opportunity to present their papers online.

However, if the restrictions do not allow to organize a conference on-site, the entire conference will be held in OnLine mode. using a videoconferencing system and virtual meeting rooms.