



12th International Conference on Computational Collective Intelligence ICCCI 2020

30 November – 3 December 2020, Da Nang, Vietnam



ACI 2020

Special Session on Applications of Collective Intelligence

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

In recent years, advances in information technologies have significantly leveraged the use of Collective Intelligence referred as the wisdom of crowds for finding solutions to a wide range of problems in the real world. In some sense, Collective Intelligence is considered as the intelligence emerging from the collaboration and competition of many individuals or groups of individuals which collectively do things that seem intelligent. Individuals can be humans, agent systems, animals, or insects (in the case of Swarm Intelligence). The major goal of this special session is to provide an internationally respected forum for scientific research in the computer-based methods of Collective Intelligence and their applications in such fields as group decision making, social network, and multi-agent systems. The coverage of the ACI 2020 includes, but is not limited to, the following subjects:

- Collective intelligence
- Wisdom of crowds
- Swarm intelligence
- Computational intelligence
- Collaborative decisions
- Optimization and Swarm intelligence
- Collective decision making and problem-solving
- Animal collective behavior
- Social network analysis
- Crowdsourcing
- Harnessing Collective intelligence from Social media

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

Dr. Quang Vu Nguyen, Vietnam-Korea Friendship Information Technology College, Vietnam
Dr. Van Du Nguyen, Nong Lam University, Vietnam
Dr. Van Cuong Tran, Quang Binh University, Vietnam
Dr. Adrianna Kozierekiewicz, Wrocław University of Science and Technology, Poland
Dr. Marcin Pietranik, Wrocław University of Science and Technology, Poland
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Assoc. Prof. Thanh Binh Nguyen, Danang University of Science and Technology, Vietnam
Assoc. Prof. Tan Khoi Nguyen, Danang University of Science and Technology, Vietnam
Assoc. Prof. Cong Phap Huynh, University of Da Nang, Vietnam
Dr. Tuong Tri Nguyen, Hue University, Vietnam
Dr. Minh Nhut Pham Nguyen, Vietnam-Korea Friendship Information Technology College, Vietnam
Dr. Xuan Hau Pham, Quang Binh University, Vietnam

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: **ACI 2020: Special Session on Applications of Collective Intelligence.**

<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 ACI 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.