

Special session on:

Artificial Intelligence in Art

Joint Congress on Computational Intelligence (CCI 2020), Mashhad, Iran from 4-6 March 2020

Call for Papers

Art is the power and skill for the creation of beauty so that human beings can be influenced without the need to comprehend it. Art is an experience of the beauties and ugliness of the world or means of promoting human perfection and the attainment of spirituality. As Tolstoy says: "Art is not the production of pleasing objects; and, above all, it is not pleasure; but it is a means of union among men, joining them together in the same feelings, and indispensable for the life and progress toward well-being of individuals and of humanity." Thus human use art to arouse emotions, record experiences, recall memories, communicate, educate, and such topics in which artificial intelligence can be useful and influential by mimicking, collaborating and even creating. In fact, artificial intelligence is an auxiliary to the enhancement of human ability in the field of art.

This special session will highlight the latest development in this rapidly growing research area of **Artificial Intelligence in Art**. All researchers, academics, and experts are kindly invited to submit their original research papers to this special session. The scope includes (but not limited to) the following topics:

- Artificial Intelligence Imitation in Artistic Production
- Artificial Intelligence Collaboration with Artists
- Artificial Intelligence Creativity in Artistic Production
- Creativity Measurement of Art by Artificial Intelligence
- Artwork Analysis
- The artistry of Arts Produced by Artificial Intelligence
- Metacreativity
- Inspirational Art in Artificial Intelligence
- Artificial Intelligence Application in All Branches of Art Including Visual Arts (Drawing, Architecture, Painting, Photography) and Literacy Arts (Prose, Drama, Poetry, Legends, Myths, Folktales) and Performing Arts (Music, Theater, Dance) and specifically, Islamic and Persian Arts

Please follow the instructions of the **CCI 2020 paper submission guidelines**, and submit your paper directly via <http://cfis2020.um.ac.ir/> for review. Make sure to select "**Artificial Intelligence and Art**" as your preferred track during submission. Please also email *the title and ID* of your paper to "*rafiei.hamed {AT} mail.um.ac.ir*". Special session papers are treated the same as regular conference papers and will be included in the conference proceedings. The *extended deadline* for paper submission is *22 November 2019*.

If any further questions, please contact the organizers at the below address.

Organizer:

Prof. Mohammad-R. Akbarzadeh-T.

Department of Computer and Electrical Engineering, Center of Excellence on Soft Computing and Intelligent Information Processing, Ferdowsi University of Mashhad, Mashhad, Iran.

Coordinators:

Hamed Rafiei (PhD Student) [*rafiei.hamed {AT} mail.um.ac.ir*]

Department of Electrical Engineering, Center of Excellence on Soft Computing and Intelligent Information Processing, Ferdowsi University of Mashhad, Mashhad, Iran.

Mojgan Azari (M.Sc Student) [*azari.mojgan {AT} mail.um.ac.ir*]

Department of Electrical Engineering, Center of Excellence on Soft Computing and Intelligent Information Processing, Ferdowsi University of Mashhad, Mashhad, Iran.