

Call for Contributions

1. Inform the Chair: with the Title of your Contribution

2. Submission URL:

<https://www.iariasubmit.org/conferences/submit/newcontribution.php?event=eTELEMED+2018+Special>

Please select Track Preference as **CASI**

Special track

CASI: Convenient and Spatial Image Analysis in Decision Making Algorithms

Chair and Coordinator:

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along with

eTELEMED 2018, The Tenth International Conference on eHealth, Telemedicine, and Social Medicine

<http://www.iaria.org/conferences2018/eTELEMED18.html>

The increasing number of image acquisition and storage hardware brings the novel research challenge to the information interpretation. The commonly applied signal processing algorithms have their limitations on two and more dimensional images. There are no standards in image processing and each applied area should search for the particular implementation. The spatial algorithms have the possibility to make standards for the image processing.

The decision making platforms are called to provide the interpretation of the data for human in a friendly manner. Commonly available AI (Artificial Intelligence) systems are developed to be specially designed for particular application. It would be good to try to formalize the common approach for automatic decision making systems.

This track tries to establish the novel image understanding approach and maybe come to the standardization of image processing algorithms suitable for general applications, focusing on health care.

Topics include, but not limited to:

- Distributed decision making system for cancer screening
- Cancer treatment with automated health protection of the healthy cells
- Supervised and automated machine learning systems
- Image acquisition and Big Data storage problems and solutions
- Tele-medical assistance/recognition/decision making tools

Contribution Types

- Regular papers [in the proceedings, digital library]
- Short papers (work in progress) [in the proceedings, digital library]
- Posters: two pages [in the proceedings, digital library]
- Posters: slide only [slide-deck posted on www.iaria.org]
- Presentations: slide only [slide-deck posted on www.iaria.org]
- Demos: two pages [posted on www.iaria.org]

Important Datelines

- Inform the Chair: As soon as you decided to contribute

- Submission: December 7, 2017
- Notification: January 12, 2018
- Registration: January 26, 2018
- Camera ready: February 5, 2018

Note: These deadlines are somewhat flexible, providing arrangements are made ahead of time with the chair.

Paper Format

- See: <http://www.iaia.org/format.html>
- Before submission, please check and comply with the editorial rules: <http://www.iaia.org/editorialrules.html>

Publications

- Extended versions of selected papers will be published in IARIA Journals: <http://www.iaiajournals.org>
- Print proceedings will be available via Curran Associates, Inc.: <http://www.proceedings.com/9769.html>
- Articles will be archived in the free access ThinkMind Digital Library: <http://www.thinkmind.org>

Paper Submission

<https://www.iaiasubmit.org/conferences/submit/newcontribution.php?event=eTELEMED+2018+Special>

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Registration

- Each accepted paper needs at least one full registration, before the camera-ready manuscript can be included in the proceedings.
- Registration fees are available at <http://www.iaia.org/registration.html>

Contact

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