

Call for Contributions

Note: Onsite and Online Options

In order to accommodate a large number of situations, we are offering the option for either physical presence or virtual participation. We would be delighted if all authors manage to attend in person, but are aware that special circumstances are best handled by having flexible options.

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

2. Submission URL:

<https://www.iariasubmit.org/conferences/submit/newcontribution.php?event=eTELEMED+2020+Special>

Please select Track Preference as **SADLE**

Special track

SADLE: Services and Applications Based on Deep Learning for eHealth

Chairs and Coordinators

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along with

eTELEMED 2020, The Twelfth International Conference on eHealth, Telemedicine, and Social Medicine

<https://www.iaria.org/conferences2020/eTELEMED20.html>

November 21 - 25, 2020 - Valencia, Spain

Recently, Machine Learning techniques and more specifically Deep Learning-based solutions have been applied successfully in many fields. Deep Learning-based systems and applications have been performing well for image-based tasks such as object or face recognition and for Natural Language Processing. Many possibilities have become feasible and attractive for medical applications.

Deep Learning can be applied to many eHealth fields: imaging (tele)diagnosis tools, health analytics, pervasive sensing for user monitoring and assistance, predictive diagnosis or explainable deep learning.

This track is intended for discussing the opportunities and challenges that deep learning-based eHealth apps and services face.

Topics include, but not limited to:

- Diagnosis tools in medical imaging;
- Treatment queries and suggestions;
- Internet of Things (IoT)-based medical data collection and analysis;
- Deep learning-based ambient assisted living tools and services;
- Ethical issues on deep learning-based eHealth systems;
- Explainable deep learning based eHealth systems.

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.iaia.org]
- Presentations: slide only [slide-deck posted on www.iaia.org]
- Demos: two pages [posted on www.iaia.org]

Important Datelines

Inform the Chair: As soon as you decide to contribute

Submission: September 21

Notification: October 11

Registration: October 21

Camera-ready: October 21

Note: The submission deadline is 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

<http://www.iaiasubmit.org/conferences/submit/newcontribution.php?event=eTELEMED+2020+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>

Contacts

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