

# 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.

## Submission:

**1. Inform the Chairs:** with the Title of your Contribution

**2. Submission URL:**

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

Please select Track Preference as **MALEME**

Special track

## MALEME: Machine Learning in Medicine

### Chair

*Prof. PhD*, Antonio Sarasa Cabezuelo, Complutense University of Madrid, School of Computer Science, Spain  
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### Coordinator

*PhD Candidate*, Covadonga Díez-Sanmartín, Complutense University of Madrid, School of Computer Science, Spain  
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along with

**ICIW 2020**, The Fifteenth International Conference on Internet and Web Applications and Services  
September 27, 2020 to October 01, 2020 – Lisbon, Portugal  
<https://www.iaria.org/conferences2020/ICIW20.html>

The Big Data phenomenon has facilitated access to enormous amounts of data that, when properly processed, allow new applications and services that were not possible before. In particular, the field of medicine is one of the most appropriate for this. Thus, the applications that can be created are innumerable: disease diagnosis, medical image processing, prediction of diseases such as cancer, genomics, medical report processing ... But there is a key factor to be able to develop these applications and this factor is the availability of suitable processing tools.

In this sense, machine learning techniques have become the most effective tool for this task. It allows creating learning models in order to detect patterns or making predictions effectively when working with huge amounts of data. The goal of this track is to serve as a meeting point for those researchers who work in some application of machine learning in the field of medicine.

## Topics include, but not limited to:

- Machine learning for medical imaging
- Machine learning for healthcare
- Pattern recognition in biomedical applications
- Models for diseases
- Machine learning for survival analysis
- Machine learning for cancer prediction
- Machine learning for organ transplantation
- Deep learning for medical systems and applications
- Advanced computer-aided detection/diagnosis

## **Important Datelines**

*Inform the Chairs (see Contacts below): as soon as you decide to contribute*

Submission: August 3

Notification: August 23

Registration: September 2

Camera-ready: September 2

## **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](http://www.iaria.org)]
- Presentations: slide only [slide-deck posted on [www.iaria.org](http://www.iaria.org)]
- Demos: two pages [posted on [www.iaria.org](http://www.iaria.org)]

## **Paper Format**

- See: <http://www.iaria.org/format.html>

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

## **Publications**

- Extended versions of selected papers will be published in IARIA Journals: <http://www.iariajournals.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.iariasubmit.org/conferences/submit/newcontribution.php?event=ICIW+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.iaria.org/registration.html>

## **Contacts**

Chairs

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