

## Call for Contributions for

### 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 Chair:** with the Title of your Contribution

**2. Submission URL:**

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

Please select Track Preference as **eHealth**

Special track

### **eHealth: Patient-centric eHealth Services**

Chair

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along with

**GLOBAL HEALTH 2020**, The Ninth International Conference on Global Health Challenges

<http://www.iaia.org/conferences2020/GLOBALHEALTH20.html>

October 25-29, 2020 - Nice, French Riviera, France

Electronic health (eHealth) aims at improving the quality of healthcare through a synergy of medical informatics, business and public health services employing modern information and communications technologies. Interoperability both technically and semantically is essential to the provision of better and more tailored healthcare that is closer to the needs of the patient. For example, the European commission has approved a set of standards in health informatics for enabling semantic interoperability in cross-border exchange of clinical data in the International Patient Summary. At the same time the implementation of such standards in eHealth applications remains one of the greatest challenges nowadays in eHealth. The patient-centric perspective in digital innovations employing business intelligence and modern information technologies is acknowledged to be imperative for their successful integration in healthcare services.

The scope of this special track comprises a broad set of topics that represent major issues in modern eHealth. Research work related to these topics may be grouped around implementations of standards in health informatics for exchange of heterogeneous clinical data and interdisciplinary studies on using business intelligence with modern information technologies for delivering top quality patient-centric healthcare services. This special track is a unique opportunity to meet research workers and discuss recent success stories, good practices and existing challenges in eHealth as well as new perspectives in global health.

**Topics include, but not limited to:**

- ✓ Health Informatics standards in action
- ✓ Electronic Health Record
- ✓ Personal Health Record
- ✓ Semantic interoperability services
- ✓ Embedding terminology services
- ✓ Cross-border exchange of clinical data
- ✓ Clinical knowledge management
- ✓ Clinical data models
- ✓ Clinical Document Architecture
- ✓ Human computer interfaces and usability
- ✓ Natural language processing
- ✓ Artificial intelligence
- ✓ Data analytics in eHealth
- ✓ Ontologies of linked open data
- ✓ Computer simulation of eHealth services
- ✓ Digital services in healthcare
- ✓ Information models in eHealth
- ✓ Business process modeling in eHealth
- ✓ Business intelligence in eHealth
- ✓ Quality indicators in healthcare
- ✓ Privacy issues and security in eHealth
- ✓ International Patient Summary
- ✓ Medical robotics
- ✓ Internet of Things (IoT)
- ✓ Cloud eHealth services

### **Important Datelines**

Inform the Chair: As soon as you decide to contribute

Submission: August 1, 2020

Notification: August 21, 2020

Registration: September 1, 2020

Camera-ready: September 1, 2020

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

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

### **Paper Format**

- See: <http://www.iaia.org/format.html> [both LaTeX and .doc templates]
- Before submission, please check and comply with the editorial rules: <http://www.iaia.org/editorialrules.html>
- More information on camera ready preparations will be posted after the paper notifications are sent out.

### **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.iariasubmit.org/conferences/submit/newcontribution.php?event=GLOBAL+HEALTH+2020+Special>

Please select Track Preference as **eHealth**

## **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**

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