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
   Dimitar Tcharakchiev, Department of Medical Informatics,
   Medical University-Sofia, University Hospital of Endocrinology, Bulgaria
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Coordinator
   Evgeniy Krastev, Faculty of Informatics and Informatics,
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along with

GLOBAL HEALTH 2020, The Ninth International Conference on Global Health Challenges
   http://www.iaria.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.iaria.org]
- Presentations: slide only [slide-deck posted on www.iaria.org]
- Demos: two pages [posted on www.iaria.org]

Paper Format
- See: http://www.iaria.org/format.html [both LaTex and .doc templates]
- Before submission, please check and comply with the editorial rules: http://www.iaria.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.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=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

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