

Call for Contributions for

Submission:

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

2. Submission URL:

<https://www.iariasubmit.org/conferences/submit/newcontribution.php?event=DIGITAL+2021+Special>

Please select Track Preference as **DH4.0**

3. Note: *For 2021, all events will be held in a hybrid mode: on site or virtual choices (live, prerecorded videos, voiced presentation slides, and .pdf slides). We hope for better times allowing us to return to the traditional on-site scientific events. However, we are ready to adapt any which way the conditions dictate.*

Special track

DH4.0: Digital Health 4.0

Chairs

Ina Schiering, Ostfalia University of Applied Sciences, Institute for Information Engineering,
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Sebastian Lawrenz, Clausthal University of Technology, Center for Digital Technologies,
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along with

DIGITAL 2021, Advances on Societal Digital Transformation

<http://www.iaria.org/conferences2021/DIGITAL21.html>

November 14 - 18, 2021 - Athens, Greece

Digital Health is an emerging area and current trend with great potential. Digital health focuses on the application of digital technologies such as platform solutions, mobile apps, sensors, or smart devices (wearables), in areas such as health, healthcare, rehabilitation, and support of persons with special needs. The aim is personalization in healthcare and rehabilitation, and the participation of people with special needs. The process of Digital Transformation encompassing health applications and assistive technologies is still in its infancy. Since the area around digital health includes cross-domain and interdisciplinary challenges, interdisciplinary contributions are encouraged. Also, risk assessments and the consideration of security and privacy challenges are important.

DH4.0, a special track at Digital 2021, targets many approaches concerning the research on digital health, or health 4.0, such as assistive technologies, smart devices (wearables) and mobile applications, augmented and virtual reality, and artificial intelligence. Future, and emerging technologies, like distributed systems and blockchain technology, Internet of Things, software platforms, robotics, and cloud computing, are supporting the transformation process.

We solicit both academic, research, and industrial contributions. We welcome technical papers presenting research and practical results, position papers, survey papers addressing the key problems and solutions on any of the above topics, and short papers on work in progress.

Topics include, but are not limited to:

- Augmented and Virtual Reality solutions
- Security and Privacy issues
- Robotics in healthcare and social robotics

- Assistive technologies including smart devices and wearables
- Health monitoring
- Usability and user acceptance of Digital Health solutions
- Machine Learning in Digital Health

Important Datelines

Inform the Chairs: As soon as you decide to contribute.

Submission: October 10, 2021

Notification: October 20, 2021

Registration: November 1, 2021

Camera ready: November 1, 2021

Note: The submission deadline is somewhat flexible, providing arrangements are made ahead of time with the chairs.

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=DIGITAL+2021+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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