

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=ACHI+2020+Special>

Please select Track Preference as **EDUTOOL**

Special track

EDUTOOL: Using Digital Tools in Higher Education, Qualification and Training

Chair and Coordinator

PhD Candidate Lea Daling, Faculty of Mechanical Engineering/Cybernetics Lab IMA & IfU, RWTH Aachen University, Germany

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along with

ACHI 2020, The Thirteenth International Conference on Advances in Computer-Human Interactions

<https://www.iaia.org/conferences2020/ACHI20.html>

November 21 - 25, 2020 - Valencia, Spain

In many application-oriented subjects (e.g., mechanical engineering, mining engineering, medicine, etc.) practical teaching in higher education is a fundamental challenge. At this point, digital technologies increasingly build the bridge between theory and practice. A strong focus is on collaborative forms of learning, blended learning approaches, and opportunities for individualized learning both in contact- and in self-study. Thus, 3D visualizations, animations and simulations are being increasingly used to convey processes more vividly and more practically. These forms of learning occur not only in academic but also in vocational education and training. Besides the investigation of the effects of digital tools on learning processes with focus on the learners, current research also needs examination of the teachers' perspective: e.g., guidance towards or in digitalization or effects on the design of learning processes/formats.

This track aims at current scientific findings on digital learning technologies. Evaluations and findings from practical application should be included as well as theoretical concept papers and project descriptions.

Topics include, but not limited to:

- Evaluation of digital learning tools
- Usability testing
- UI/UX design of digital learning tools
- Technology acceptance among students and teachers
- Knowledge transfer
- Team collaboration

- Effects of digital learning tools
- Learning analytics

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.iaaria.org]
- Presentations: slide only [slide-deck posted on www.iaaria.org]
- Demos: two pages [posted on www.iaaria.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.iaaria.org/format.html>

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

Publications

- Extended versions of selected papers will be published in IARIA Journals: <http://www.iaariajournals.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.iaariasubmit.org/conferences/submit/newcontribution.php?event=ACHI+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.iaaria.org/registration.html>

Contact

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