

Call for Contributions

Submission:

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

2. **Submission URL:**

<https://www.iariasubmit.org/conferences/submit/newcontribution.php?event=ICSEA+2019+Special>

Please select Track Preference as ASE

Special track

ASE: Accessibility in Software Engineering

Chairs and Coordinators

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along with

ICSEA 2019, The Fourteenth International Conference on Software Engineering Advances

November 24, 2019 to November 28, 2019 - Valencia, Spain

<https://www.iaria.org/conferences2019/ICSEA19.html>

Most software-development teams focus on making software with good usability, and both the industry as a whole and individual team members understand that products and services with poor usability will fail due to poor user experiences. However, there is a need for software teams to pay more attention to inclusive design and accessibility. Many countries have legislation that requires digital solutions to be accessible and universally designed, but a reliance on these laws alone is not sufficient to ensure Information and Communication Technology (ICT) solutions with a high level of accessibility.

Today's ICT specialists have received very little education with regard to accessibility concepts and practices. As a consequence, members of software-development teams—the people who develop tomorrow's ICT solutions—has very little knowledge and even less training in how to test for accessibility during the development cycle. In many scenarios, these workers only know a few testing methods; some are only aware of the de-facto method, which involves checking for conformance with the Web Content Accessibility Guidelines (WCAG) with the use of automatic checkers. This leads to neglect or make it sub-optimal accessibility testing because they do not have enough knowledge of the available testing methods, their strengths and weaknesses, and thus, cannot choose the most appropriate method for a given situation.

The main objective of this track is to explore the current situation regarding accessibility development and testing in software development, to discuss best practice and efficient strategies in this field, and to explore how both education and business can improve the awareness and training.

Topics include, but not limited to:

- Accessibility testing tools and methods
- Processes for integrating accessibility testing in the development cycle
- Review of accessibility in education and training
- WCAG 2.1 implications for software development
- Legal requirements for development
- Cost benefit analysis of accessibility testing approaches

- Strategies for planning, prioritizing and utilizing accessibility resources
- Integration in tools, Integrated Development Environment (IDE) and building systems

Important Datelines

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

Submission: Sep 18, 2019

Notification: Oct 17, 2019

Registration: Oct 27, 2019

Camera-ready: Oct 27, 2019

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]
- Presentations: slide only [slide-deck posted on www.iaia.org]
- Demos: two pages [posted on www.iaia.org]

Paper Format

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

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

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Please select Track Preference as **ASE**

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.iaia.org/registration.html>

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