

Preface of the 5th International Workshop on ICT4S Education

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Abstract

ICT4S as an umbrella concept encompasses several disciplines and areas related to sustainability and ICT, and it can be difficult for an educator to have an overview of all areas and research fronts where interesting, engaging and transformative research is taking place. We provide such a space.

Keywords

sustainability well-being resilience computing education

Since sustainability is not yet a mainstream subject within computing education, this workshop aims to provide a forum for cross-domain interaction by bringing together members of ICT4S community to share perspectives and present findings relevant to research and practice in education.

In addition, the workshop aims to provide a platform for participants to collaboratively work on expanding the body of knowledge in sustainability education and to jump-start new collaborations through the live creation of teams that commit to working together on concrete topics.

A significant portion of the workshop is devoted to focused interaction among the participants with the goal of generating a research agenda to improve processes and practices, tools, techniques, and methods regarding the sustainability education in computing.

The Workshop Objectives are:

- Working sessions to discuss topics;
- Provision of a platform for educators, researchers, and practitioners to present their current work and trigger discussion;

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- Continued collaboration on the previously initiated topics (e.g., Karlskrona Manifesto on Sustainability Design);
- Support for group work and discussion on newly favored topics;
- Kickstart new collaborations between the workshop participants;
- Dissemination of the workshop ideas and results at the main conference.

This year's edition of the workshop has an exciting program with three presentations and a lot of interactivity.

Presentations. The three formally accepted presentations are:

- Cristy Martinez Montes and Birgit Penzenstadler: Piloting a well-being and resilience intervention in a course on digitalization for sustainability.
- Srinjoy Mitra: Technosolutionism and neocolonial narratives in ICT (and other engineering) curriculum
- Shola Oyejedi, Mikhail Adisa, Abdul-Rauf Larry Abdullai and Jari Porras: Application of Sustainability Awareness Framework in Software Engineering Courses: Perspectives from ICT Students.

Topic Sessions. Furthermore, we host topic sessions and discussions around your passion for education, potentially in the style of fish bowl, world cafe, brain writing and more.

Previous editions have led to significant collaboration with high quality publication output, currently under review at TOCE.

Review Process. Since there was a low number of submissions, we opted to have the organizers that didn't have a conflict of interest review the papers instead of establishing an additional program committee.