

Special Issue

Engineering Safety-Critical, Software-Intensive Cyber-Physical Systems, including Selected Papers from “the 10th Scandinavian Conference on Safety Critical Systems and Software”

Message from the Guest Editors

This Special Issue solicits papers on engineering methods, processes, and organizational approaches for enabling and assuring the safe deployment of cyber-physical systems. Relevant topics include (but are not limited to) systems and software architectures, safe and transparent artificial intelligence, agile approaches to safety, hazard analysis for connected/autonomous vehicles, and safety case argumentation/structure. Relevant integration issues for engineering organizations, such as novel approaches on eliciting safety-relevant information from already deployed systems, and the co-engineering between safety engineers and other engineering disciplines such as security engineers, are also of interest. The Special Issue is organized together with the Scandinavian conference on safety critical systems and software (SCSSS2022), which has become a central meeting place for safety experts from industrial, public, and academic organizations. We encourage authors interested in publishing in this Special Issue to also submit a presentation to the first day of the conference, which will feature distinguished keynotes, industrial, and research presentations.

Guest Editors

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Dr. Barbara Gallina

Prof. Dr. Mirosław Staron

Deadline for manuscript submissions

closed (18 December 2022)



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About the Journal

Message from the Editor-in-Chief

Editor-in-Chief

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Author Benefits

High Visibility:

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and other databases.

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Rapid Publication:

manuscripts are peer-reviewed and a first decision is
provided to authors approximately 37.2 days after
submission; acceptance to publication is undertaken in 5.7
days (median values for papers published in this journal in
the first half of 2025).