



safety



an Open Access Journal by MDPI

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

Guest Editors:

Dr. Fredrik Asplund

Department of Machine Design,
School of Industrial Engineering
and Management, KTH Royal
Institute of Technology, 10044
Stockholm, Sweden

Dr. Barbara Gallina

School of Innovation, Design and
Engineering (IDT), Mälardalen
University, 72123 Västerås,
Sweden

Prof. Dr. Mirosław Staron

Department of Computer Science
and Engineering, University of
Gothenburg, 405 30 Gothenburg,
Sweden

Deadline for manuscript
submissions:

closed (18 December 2022)

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.



mdpi.com/si/102188

Special Issue