

Editioral

Author(s)

de Boer, Robert J.; Karanikas, Nektarios

10.1016/j.proeng.2015.11.497

Publication date

2015

Document Version

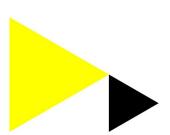
Final published version

License

CC BY-NC-ND

Link to publication

Citation for published version (APA): de Boer, R. J., & Karanikas, N. (2015). Editioral. *Procedia Engineering*, 128, 1. https://doi.org/10.1016/j.proeng.2015.11.497

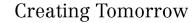


General rights

It is not permitted to download or to forward/distribute the text or part of it without the consent of the author(s) and/or copyright holder(s), other than for strictly personal, individual use, unless the work is under an open content license (like Creative Commons).

Disclaimer/Complaints regulations

If you believe that digital publication of certain material infringes any of your rights or (privacy) interests, please let the Library know, stating your reasons. In case of a legitimate complaint, the Library will make the material inaccessible and/or remove it from the website. Please contact the library: https://www.amsterdamuas.com/library/contact, or send a letter to: University Library (Library of the University of Amsterdam and Amsterdam University of Applied Sciences), Secretariat, Singel 425, 1012 WP Amsterdam, The Netherlands. You will be contacted as soon as possible.





Available online at www.sciencedirect.com

ScienceDirect

Procedia Engineering

Procedia Engineering 128 (2015) 1

www.elsevier.com/locate/procedia

Editorial



Following the successful 3rd European STAMP Workshop in Amsterdam (5-6 October 2015), organised by the Aviation Academy of the Amsterdam University of Applied Sciences, we are pleased to present to the academic and professional community this special issue including 11 out of the 22 contributions to the workshop.

The papers concern a variety of research and application cases using the System Theoretic Accident Model and Processes (STAMP) model and associated methods, collectively representing a new systems thinking approach to engineering safer systems, first introduced by Prof. Nancy Leveson (Massachusetts Institute of Technology, Boston).

Through this special issue of Procedia Engineering, the reader will hopefully comprehend the potential of system thinking to address safety problems of modern complex socio-technical systems that traditional linear and probabilistic models and techniques cannot tackle. Authors from a spectrum of sectors such as aviation, software, process industry and maritime share research results and experiences of the application of STAMP models and methods, and provide insights and recommendations that are widely applicable.

We would like to thank the authors for their efforts that have led to high quality manuscripts, and the program review members for their professionalism and invaluable support.

Guest Editors

Dr. Robert. J. de Boer, Professor of Aviation Engineering
Dr. Nektarios Karanikas, Associate Professor of Safety & Human Factors
Amsterdam University of Applied Sciences / Aviation Academy