Special Session on
Computer Modelling for Safer Construction Environment (CMSCE)
at
The 22nd International Conference on Intelligent Systems Design and Applications
(ISDA' 2022)
on
World Wide Web
December 12-14, 2022

http://www.mirlabs.org/isda22

Objectives and Scope

Providing a safe environment to construction workers has always been challenging for contracting organizations. Computer modelling aids safer construction environment by adopting unmanned aerial systems, machine learning, and computer vision technologies to detect workplace safety risks. In this special session, we invite original and review papers on the role of computer modelling in enhancing workers' safety in the construction industry.

Subtopics

The topics include, but are not limited to:

- Decision support systems
- Blockchain technology
- Fuzzy systems
- Artificial intelligence
- VR/AR/MR

- Internet information system
- Big data analytics
- Machine learning
- Computer vision
- Unmanned aerial systems (UAS)

Paper Publications

- Proceedings will be published in Lecture Notes in Networks and Systems, Springer (Indexed in SCOPUS, INSPEC, WTI Frankfurt eG, zbMATH, SCImago)
  https://www.springer.com/series/15179
- Papers maximum length is 10 pages
- Papers must be formatted according to Springer format (Latex/word) available at:
  https://www.springer.com/de/authors-editors/book-authors-editors/manuscript-preparation/5636#c3324

Important Dates

Paper submission due: September 30, 2022
Notification of paper acceptance: October 31, 2022
Registration and Final manuscript due: November 15, 2022

Conference: December 12-14, 2022

Special Session Chairs
- Zuzana Strukova, Faculty of Civil Engineering, Technical University of Kosice, Kosice, Slovakia
- C.Vigneshkumar, Department of Design, Indian Institute of Technology Guwahati, Guwahati, India

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