



# CALL FOR PAPERS

**ICMSDEA 2022**  
**Aug 23-24, 2022**  
**Kuala Lumpur, Malaysia**

The International Research Conference is a federated organization dedicated to bringing together a significant number of diverse scholarly events for presentation within the conference program. Events will run over a span of time during the conference depending on the number and length of the presentations.

ICMSDEA 2022 : International Conference on Modeling and Simulation in Defense Engineering and Applications is the premier interdisciplinary forum for the presentation of new advances and research results in the fields of Modeling and Simulation in Defense Engineering and Applications. The conference will bring together leading academic scientists, researchers and scholars in the domain of interest from around the world. Topics of interest for submission include, but are not limited to:

Defense modeling and simulation  
Modeling and simulation for defense systems  
Defense acquisition modeling and simulation  
Systems analysis and modeling in defense  
Theoretical foundations and formulations of the model-driven paradigm  
Relevance of game-theoretic and control-theoretic approaches  
Formal languages for model specification  
Assessment of barriers to successful use of the model-driven paradigm  
Potential techniques for using model-driven paradigms for cyber defense problem-solving at different phases of cyber operations

Analysis of known related approaches and methods  
Complexity and completeness of the models  
Feasibility of automated or semi-automated generation of models  
Modeling of the adversary  
Human factors in the models  
Calibration of the models  
Validation of the models  
Maintenance of the models  
Utility functions to be used in conjunction with models