

Special Issue

Human Factors in Systems Engineering

Message from the Guest Editors

This Special issue is focused on presenting advances in human-centered modeling methods to address the design of human systems with increasing complexity across multiple industries. Papers are being sought in the following areas:

- Models of human and team performance
- Approaches to modeling performance in diverse teams
- Approaches to modeling and designing human-agent teams
- Extensions to MBSE techniques which better represent the human element in systems
- Trade studies which include representations of the operator
- System modeling methods which include teams of human and artificial cognitive agents
- Physical ergonomic or anthropometric models
- Physiological models relating to human performance
- Physics-based models of forces on human body
- Model validation and verification methods applicable to human modeling
- Model visualization and simulation
- Modeling human-system resiliency
- Modeling of human-system lifecycle trades
- Integration of MBSE models and methods with third-party human modeling tools

Guest Editors

Dr. Michael E. Miller

Systems Engineering and Management, Air Force Institute of Technology, Dayton, OH 45433, USA

Dr. Christina Rusnock

Systems Engineering and Management, Air Force Institute of Technology, Dayton, OH 45433, USA

Deadline for manuscript submissions

closed (15 August 2020)



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Systems
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
systems@mdpi.com

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Message from the Editor-in-Chief

Systems is a leading venue for the quick and global dissemination of results of cutting-edge research in various areas of systems science and systems-related fields. An increasing number of researchers are realizing the enormous potential of systems thinking in managing the many unprecedented and complex issues in all areas of need. The *Systems* journal provides a home of exceptional quality for the manuscripts of these researchers who often find it difficult to publish their work in conventional discipline focused journals.

Editor-in-Chief

Prof. Dr. Ben Clegg
Operations & Service Management Department, Aston Business
School, Aston University, Birmingham B4 7ET, UK

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