Human Factors in Systems Engineering

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Deadline for manuscript submissions:
closed (15 August 2020)

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

Special issue

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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.

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