

International Journal of

Human Factors Modelling and Simulation

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Scope of the Journal

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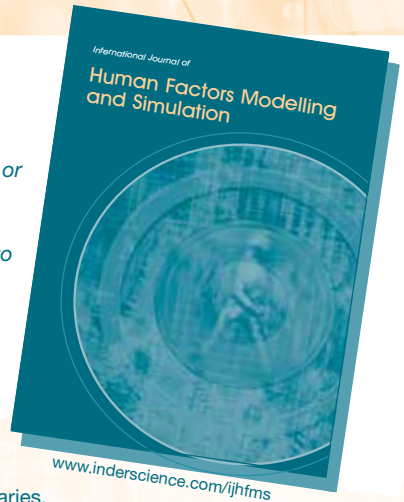
The field of human factors focuses on the human, the interaction of humans and machines and humans and computers, whether people serve as operators, maintainers or users in the system. The field advocates systematic use of such knowledge to achieve compatibility in the design of interactive systems of people, machines and environments to ensure their effectiveness, safety and ease of performance. IJHFMS highlights development and use of computer simulations and computational algorithms to advance knowledge and understanding of the field.

Contents

IJHFMS publishes peer reviewed original papers, review papers, technical reports, case studies, selected conference reports, management reports, book reviews, notes, commentaries, and news. Special Issues devoted to related human factors modelling and simulation issues are periodically arranged by the editor.

Topics covered include:

- Human factors theory as related to computational models of human performance, interaction with virtual environments
- Simulator-based evaluations of human factors issues
- Computer simulation of human behaviour/performance
- Digital human modelling and simulation
- Developments in simulation and virtual environments to address human factors/ergonomics issues
- Human performance modelling
- Simulation of physiological behaviour, measures, predictions



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