

Preface

Human Factors and Systems Interaction aims to address the main issues of concern within systems interface with a particular emphasis on the system lifecycle development and implementation of interfaces and the general implications of virtual, augmented, and mixed reality with respect to human and technology interaction. Human Factors and Systems Interaction is, in the first instance, affected by the forces shaping the nature of future computing and systems development. The objective of this book is to provide equal consideration of the human along with the hardware and software in the technical and technical management processes for developing systems that will optimize total system performance and minimize total ownership costs. This book aims to explore and discuss innovative studies of technology and its application in system interfaces and welcomes research in progress, case studies, and poster demonstrations.

A total of seven sections presented in this book:

- I. System Interaction in Industry
- II. Human Factors in Emergency Management
- III. Mixed Reality Environments and Simulation
- IV. Assistive Technologies and Natural User Interaction
- V. Aviation and Remotely Piloted Aircraft Systems
- VI. Practical Applications
- VII. Systems Usability and Device Assessment

Each section contains research paper that has been reviewed by members of the International Editorial Board. Our sincere thanks and appreciation to the board members as listed below:

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