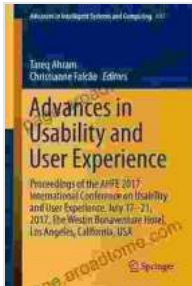


# Proceedings of the AHFE 2024 International Conferences on Usability and User Experience



**Advances in Usability and User Experience: Proceedings of the AHFE 2024 International Conferences on Usability & User Experience, and Human Factors and ... Intelligent Systems and Computing Book 972)** by Paije McGrath

★★★★☆ 4.9 out of 5

Language : English  
File size : 131064 KB  
Text-to-Speech : Enabled  
Screen Reader : Supported  
Enhanced typesetting : Enabled  
Print length : 1476 pages



The AHFE 2024 International Conferences on Usability and User Experience (AHFE 2024) will bring together researchers, practitioners, and students from around the globe to discuss the latest advances in human factors and ergonomics in user interface design. The conference will feature a wide range of presentations, including:

- The latest research on human factors and ergonomics in user interface design
- Case studies of successful user interface designs
- Workshops on user interface design techniques

- Panel discussions on the future of user interface design

AHFE 2024 is the premier conference on human factors and ergonomics in user interface design. This book is a valuable resource for researchers, practitioners, and students in the field of human factors and ergonomics.

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- Section 2: Ergonomics in User Interface Design
- Section 3: Case Studies in User Interface Design
- Section 4: Workshops on User Interface Design Techniques
- Section 5: Panel Discussions on the Future of User Interface Design

## **Section 1: Human Factors in User Interface Design**

This section of the book presents the latest research on human factors in user interface design. The chapters in this section cover a wide range of topics, including:

- The cognitive psychology of user interface design
- The role of emotion in user interface design
- The impact of culture on user interface design
- The design of user interfaces for people with disabilities

## **Section 2: Ergonomics in User Interface Design**

This section of the book presents the latest research on ergonomics in user interface design. The chapters in this section cover a wide range of topics,

including:

- The physical ergonomics of user interface design
- The cognitive ergonomics of user interface design
- The design of user interfaces for different types of users
- The evaluation of user interface designs for ergonomics

### **Section 3: Case Studies in User Interface Design**

This section of the book presents case studies of successful user interface designs. The chapters in this section provide real-world examples of how human factors and ergonomics principles have been applied to the design of user interfaces. The case studies cover a wide range of products and services, including:

- Websites
- Mobile apps
- Desktop applications
- Medical devices

### **Section 4: Workshops on User Interface Design Techniques**

This section of the book presents workshops on user interface design techniques. The workshops in this section provide hands-on experience with the latest user interface design techniques. The workshops cover a wide range of topics, including:

- User interface prototyping

- User interface evaluation
- User interface design for specific platforms
- User interface design for different types of users

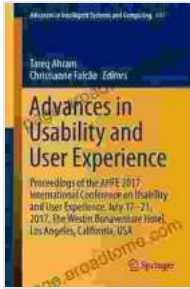
## **Section 5: Panel Discussions on the Future of User Interface Design**

This section of the book presents panel discussions on the future of user interface design. The panel discussions in this section feature experts from a variety of fields, including human factors, ergonomics, and user experience design. The panel discussions cover a wide range of topics, including:

- The future of user interface design for the web
- The future of user interface design for mobile devices
- The future of user interface design for desktop applications
- The future of user interface design for medical devices

Proceedings of the AHFE 2024 International Conferences on Usability and User Experience is a valuable resource for researchers, practitioners, and students in the field of human factors and ergonomics. This book provides the latest research on human factors and ergonomics in user interface design, as well as case studies of successful user interface designs and workshops on user interface design techniques.

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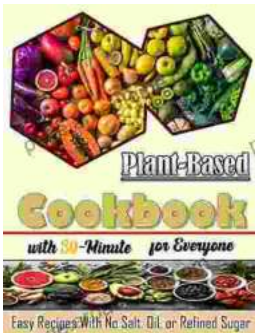
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