# Proceedings of the AHFE 2017 International Conference on Human Aspects In: The Future of Human Experience

The AHFE 2017 International Conference on Human Aspects In brought together experts from various fields to explore and discuss the future of human experience. The conference, held from July 17-21, 2017, featured an array of presentations, workshops, and discussions that aimed to shed light on the challenges and opportunities that lie ahead.

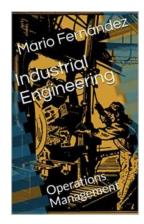
#### The AHFE Conference: A Gateway to the Future

The AHFE conference serves as a platform for researchers, practitioners, and industry professionals from around the globe to share their knowledge and insights in the field of human factors and ergonomics. This year's conference focused specifically on human aspects in the context of emerging technologies, design, and social sciences.

#### **Exploring Emerging Technologies**

One of the key themes of the conference was the impact of emerging technologies on human experience. Researchers and industry experts presented their findings and discussed topics such as virtual and augmented reality, human-robot interaction, artificial intelligence, and wearable technology. These discussions helped shed light on the potential benefits and challenges associated with these technologies.

Advances in Ergonomics of Manufacturing:
Managing the Enterprise of the Future:
Proceedings of the AHFE 2017 International



#### Conference on Human Aspects ... in Intelligent Systems and Computing, 606)

by Mario Fernández (1st ed. 2018 Edition)

**★** ★ ★ ★ 5 out of 5

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For example, the use of virtual reality in various domains, such as healthcare and education, was explored. Researchers showcased how virtual reality can be used to enhance training programs, simulate real-world scenarios for educational purposes, and provide therapeutic treatment for patients. The discussions offered valuable insights into the potential of these technologies to transform various industries.

#### **Designing for Human Experience**

In addition to exploring emerging technologies, the conference also focused on the importance of designing for human experience. Researchers and designers shared their approaches to creating user-centric products and services.

Presentations on user experience (UX) design emphasized the significance of understanding user needs and preferences. Experts discussed various methodologies and techniques for conducting user research, creating intuitive

interfaces, and designing accessible products. The conference provided a platform for UX designers to showcase their innovative approaches and share best practices with the wider community.

#### The Role of Social Sciences

While technology and design aspects were prominent at the conference, the role of social sciences in understanding human experience was equally important. Sessions dedicated to psychology, anthropology, sociology, and other social sciences explored the complex interplay between human behavior and emerging technologies.

Researchers discussed the social implications of technological advancements, such as the impact of social media on mental health and well-being. They also examined the ethical considerations associated with the use of emerging technologies, raising questions about privacy, autonomy, and equity.

#### **Takeaways from the AHFE Conference**

The AHFE 2017 International Conference on Human Aspects In served as a catalyst for meaningful discussions and collaborations. The presentations and discussions generated valuable insights that will shape the future of human experience.

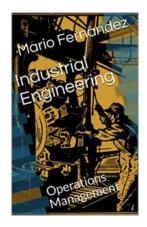
Attendees gained a deeper understanding of the potential benefits and challenges of emerging technologies, the importance of user-centric design, and the impact of social sciences in shaping human experience. The conference offered a platform for researchers, practitioners, and industry professionals to come together, share their expertise, and explore new avenues for innovation.

By fostering collaboration and knowledge exchange, the AHFE conference paved the way for advancements in the field of human factors and ergonomics. It highlighted the importance of taking a multidisciplinary approach to understanding and enhancing human experience in the face of technological advancements.

#### In

The Proceedings of the AHFE 2017 International Conference on Human Aspects In showcased a wide range of research and discussions on the future of human experience. By exploring emerging technologies, emphasizing user-centric design, and acknowledging the role of social sciences, the conference provided valuable insights into the challenges and opportunities that lie ahead.

As we enter an era of rapid technological advancements, understanding and enhancing human experience is paramount. The AHFE conference, with its multidisciplinary approach, offers a platform for experts to come together, share their knowledge, and collaborate towards a future that prioritizes human well-being and satisfaction.



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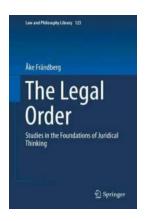
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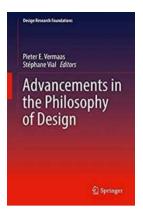


This book discusses the latest advances in people-centered design, operation, and management of broadly defined advanced manufacturing systems and processes. It reports on human factors issues related to various research areas such as intelligent manufacturing technologies, web-based manufacturing services, digital manufacturing worlds, and manufacturing knowledge support systems, as well as other contemporary manufacturing environments. The book covers an extensive range of applications of human factors in the manufacturing industry: from work design, supply chains, evaluation of work systems, and social and organization design, to manufacturing systems, simulation and visualization, automation in manufacturing, and many others. Special emphasis is given to computer aided manufacturing technologies supporting enterprises, both in general and in the manufacturing industry in particular, such as knowledge-based systems, virtual reality, artificial intelligence methods, and many more. Based on the AHFE 2017 International Conference on Human Aspects of Advanced Manufacturing, held on July 17-21, 2017, in Los Angeles, California, USA, the book provides readers with a timely snapshot of the enterprises of the future and a set of cutting-edge technologies and methods for building innovative, humancentered, and computer-integrated manufacturing systems.



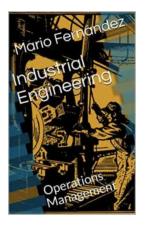
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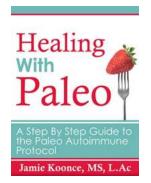
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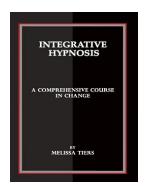
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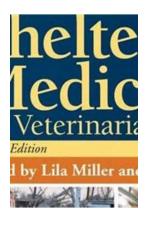
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