

# Driving Smarter Human-Computer Interaction With Multidisciplinary Personalized Systems

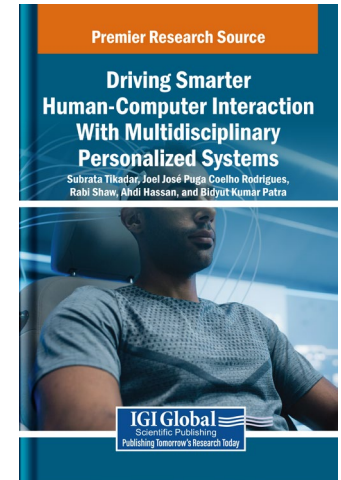
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## Description:

As digital systems become increasingly embedded in everyday life, there is a critical demand for more intuitive, responsive, and personalized interactions. As these problems begin to grow, so does the importance of creating intelligent and pro-user technologies that adapt to individuals' needs and contexts. By integrating insights from multiple disciplines, personalized systems transform how users engage with technology, enhance accessibility, improve decision-making, and foster seamless digital experiences tailored to diverse users and environments.

**Driving Smarter Human-Computer Interaction With Multidisciplinary Personalized Systems** explores how modern technology can create more intuitive and responsive interaction in computing systems. This book examines the collaboration between experts in affective computing, neuroscience, and human-computer interaction, leading to groundbreaking innovations in how machines respond to human needs. Covering topics such as AI accessibility, personalized experiences, and virtual technologies, this book is an excellent resource for practitioners, computer scientists, researchers, academicians, and more.

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**Hardcover:** \$190.00 **Softcover:** \$150.00 **E-Book:** \$190.00 **Hardcover + E-Book:** \$285.00

## Topics Covered:

- AI Accessibility
- Behavioral Data
- Computing Advancements
- Deep Learning
- Engagement Detection
- Human-Computer Interaction
- Personalized Experiences
- Sensory Systems
- Smart Healthcare
- Technology and Design
- Virtual Technologies

**Subject:** Computer Science and Information Technology

**Readership Level:** Advanced-Academic Level (Research Recommended)

**Classification:** Edited Reference

**Research Suitable For:** Advanced Undergraduate Students; Graduate Students; Researchers; Academicians; Professionals; Practitioners

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