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Smart Technologies

Scope and Applications

- Provides a detailed description of the integral aspects of 'smart technologies' and their evolution to their current state
- Discusses the potential use of Internet of things (IoT) in reducing counterproductive work behaviors and identifying some of the challenges that organizations might face while implementing IoT in its systems
- Presents case studies using easy-to-understand language to explain the breadth and scope of application areas

The book introduces the concept of 'smart technologies', especially 'Internet of Things' (IoT), and elaborates upon various constituent technologies, their evolution and their applications to various challenging problems in society. It then presents research papers and case studies based upon inception, application and implementation of IoT-based smart technologies for various application areas from some of the most technologically conservative domains like agriculture and farming to the most advanced areas such as automobiles, financial transactions and industrial applications. The book contents is thus applicable not only to academic researcher, but also to interested readers from industries and corporates, and those involved in policy making. Excerpt from the Foreword (read the complete text on Springerlink): "This book contains besides the two introductory chapters, written by the project leaders from Indian Institute of Science (IISc) Bangalore, and TU Clausthal (TUC), Germany, the different areas of research work done within the INGPART (Indo-German Partnership in Advanced Research, founded by DAAD in Germany and UGC in India) project so far by the Indian and German young researchers. It offers new perspectives and documents important progress in smart technologies. I can say without reservation that this book and, more specifically, the method it espouses will change fundamental ideas for cutting-edge innovation and disruption in the smart technology area." - Prof. Dr. Thomas Hanschke, President, TU Clausthal, Clausthal-Zellerfeld, Germany

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