



**US\$
69.00
only**

Editors:
Nak Y. Chong
Japan

eISBN: 978-1-60805-731-3

Networking Humans, Robots and Environments

www.benthamscience.com/ebooks/9781608057313

About the ebook

This book dives into the heart of how to design distributed control architectures for heterogeneous teams of humans, robots, and automated systems, enabling them to achieve greater cooperation and autonomy through the use of network technologies. It covers a wide range of practical, proven strategies for pervasive communication and collaborative problem solving abilities of humans, robots, and their environments.

Contents

- ▶ Networked Robotics: Developments and Opportunities
- ▶ Collaborative Crowd Surveillance Using Networked Robotic Cameras
- ▶ Distributed Sensing and Human-Aware Robot Reasoning Mechanisms
- ▶ Self-Configurable Mobile Robot Swarms: Adaptive Triangular Mesh Generation
- ▶ Experimental Validation of Multi-Agent Coordination by Decentralized Estimation and Control
- ▶ Extending Lifetime of the Network and Crucial Node by Multiple Diversity Combining
- ▶ Intelligent Space: A Platform for Integration of Robot Technology

For Sales Advertising Inquiries: Contact: marketing@benthamscience.org