Contents

Middlewares for Smart Objects and Smart Environments:  
Overview and Comparison ........................................ 1  
Giancarlo Fortino, Antonio Guerrieri, Wilma Russo and Claudio Savaglio

Mobile Agents-Based Smart Objects for the Internet of Things . . . . . . . . . . 29  
Teemu Leppänen, Jukka Riekki, Meirong Liu,  
Erkki Harjula and Timo Ojala

Service-Oriented Middleware for the Cooperation of Smart Objects  
and Web Services .................................................. 49  
Andrea Giordano and Giandomenico Spezzano

CO-Based Outdoor Smart Lighting for Energy Aware Factory . . . . . . . . . . 69  
Anna Florea, Ahmed Farahat, Corina Postelnicu,  
Jose L. Martinez Lastra and Francisco J. Azcondo Sánchez

A Service-Oriented Discovery Framework for Cooperating  
Smart Objects ....................................................... 85  
Marco Lackovic and Paolo Trunfio

Smart Manufacturing Through Cloud-Based Smart  
Objects and SWE ..................................................... 107  
Pablo Giménez, Benjamín Molina, Carlos E. Palau,  
Manuel Esteve and Jaime Calvo

The Cloud of Things Empowered Smart Grid Cities .............. 129  
Stamatis Karnouskos

Trajectory Data Analysis Over a Cloud-Based Framework  
for Smart City Analytics .......................................... 143  
Eugenio Cesario, Carmela Comito and Domenico Talia
People-Centric Service for mHealth of Wheelchair Users in Smart Cities ........................................... 163
Lin Yang, Wenfeng Li, Yanhong Ge, Xiuwen Fu, Raffaele Gravina and Giancarlo Fortino

Experiments with a Sensing Platform for High Visibility of the Data Center .................................................. 181
João Loureiro, Nuno Pereira, Pedro Santos and Eduardo Tovar
Internet of Things Based on Smart Objects
Technology, Middleware and Applications
Fortino, G.; Trufio, P. (Eds.)
2014, X, 198 p. 64 illus., Hardcover
ISBN: 978-3-319-00490-7