SPECIAL ISSUE

CYBER-PHYSICAL SYSTEMS (CPS)—II

203  Special Issue on Cyber-Physical Systems (CPS)—Part II
     by S. Guo, H. Frey, N. Kato, and Y. Liu

207  iSenior—A Support System for Elderly Citizens
     by A. Rodrigues, J. S. Silva, and F. Boavida

218  Crowdsourcing in Cyber-Physical Systems: Stochastic Optimization with
     Strong Stability
     by M. Li and P. Li

232  Smart Signage: A Draggable Cyber-Physical Broadcast/Multicast Media System
     by J. She, J. Crowcroft, H. Fu, and P.-H. Ho

244  Gender-Driven Emotion Recognition Through Speech Signals for Ambient
     Intelligence Applications
     by I. Bisio, A. Delfino, F. Lavagetto, M. Marchese, and A. Sciarrone

258  A Reliable IEEE 802.15.4 Model for Cyber Physical Power Grid Monitoring Systems
     by I. Al-Anbagi, M. Erol-Kantarci, and H. T. Mouftah

273  A Framework for Modeling Cyber-Physical Switching Attacks in Smart Grid
     by S. Liu, S. Mashayekh, D. Kundur, T. Zourntos, and K. Butler-Purry

286  Enhanced Network Coding to Maintain Privacy in Smart Grid Communication
     by H. Nicanfar, P. Talebifard, A. Alasaad, and V. C. M. Leung

297  Joint Optimization of Electricity and Communication Cost for Meter Data
     Collection in Smart Grid
     by P. Li, S. Guo, and Z. Cheng

307  Context-Aware Defenses to RFID Unauthorized Reading and Relay Attacks
     by T. Halevi, H. Li, D. Ma, N. Saxena, J. Voris, and T. Xiang

319  EPIC: A Testbed for Scientifically Rigorous Cyber-Physical Security Experimentation
     by C. Siaterlis, B. Genge, and M. Hohenadel

CONTENTS
Vol. 1
No. 2
July–December 2013

(SITETBT)
(ISSN 2168-6750)
A Matrix-Based Pairwise Key Establishment Scheme for Wireless Mesh Networks Using Pre Deployment Knowledge
by Y. Zhang, L. Xu, Y. Xiang, and X. Huang

A Wormhole Attack Resistant Neighbor Discovery Scheme With RDMA Protocol for 60 GHz Directional Network
by Z. Shi, R. Sun, R. Lu, J. Qiao, J. Chen, and X. Shen

Scheduling Co-Design for Reliability and Energy in Cyber-Physical Systems
by M. Lin, Y. Pan, L. T. Yang, M. Guo, and N. Zheng

MA-LTRT : A Novel Method to Improve Network Connectivity and Power Consumption in Mobile Ad-hoc Based Cyber-Physical Systems
by Y. Kawamoto, H. Nishiyama, and N. Kato

Cooperative QoS Control Scheme Based on Scheduling Information in FiWi Access Network
by Z. M. Fadlullah, H. Nishiyama, Y. Kawamoto, H. Ujikawa, K.-I. Suzuki, and N. Yoshimoto

A Cross-Domain Recommendation Model for Cyber-Physical Systems
by S. Gao, H. Luo, D. Chen, S. Li, P. Gallinari, Z. Ma, and J. Guo

2013 INDEX