

## 2008 College of Engineering & Computer Science Publications

### Books

Chebbykin, O., G. Bedny and W. Karwowski (Eds), *Ergonomics and Psychology: Developments in Theory and Practice*, Taylor & Francis, CRC Press:FL, 2008, 412 pages.

Adjeroh, D., T. Bell and A. Mukherjee, *The Burrows –Wheeler Transform: Data Compression, Suffix Arrays, and Pattern Matching*, Springer:NY, 2008, 352 pages.

Javed, O. and M. Shah, *Automated Multi-Camera Surveillance: Algorithms and Practice*, Springer: NY, 2008, 104 pages.

### Book Chapters

Craiger, P., Training and Education in Digital Forensics, in: J. Barbara (Ed). Handbook of Digital and Multimedia Evidence. Humana Press, Totowa:NJ, 2008, pp. 11-22.

Craiger, P., P. Burke, C. Marberry and M. Pollitt, A Virtual Digital Forensics Lab, in: I. Ray and S. Shenoj (Eds). Advances in Digital Forensics IV. Springer, New York:NY, 2008, pp. 357-370.

Bedny, G. and W. Karwowski, Application of Systemic-Structural Theory of Activity to Design and Management of Work Systems, in: W. Gasparski (Ed). Praxiology and the Philosophy of Technology. Transaction Publishers, New Brunswick:NJ, 2008, pp. 97-144.

Kantola, J., K. Czainska, W. Karwowski and H. Vanharanta, International Competence Development Project for Emergency Response Personnel, in: Karwowski, W. and Trzcielinski, S. (Eds.). Value Stream Activities Management. IEA Press, Madison:WI, 2008, pp. 536-543.

Karwowski, W., Building Sustainable Human-Centered Systems: A Grand Challenge for the Human Factors and Ergonomics in the Conceptual Age, in: K. Zink (Ed). Corporate Sustainability as a Challenge for Comprehensive Management, Springer, Heilderberg:Germany, 2008, pp.117-126.

Shevtshenko, E., R. Zahharov, T. Karaulova and Y. Wang, Advanced Concepts Integration for the Compression of Construction Project Schedule, in: B. Katalinic, (Ed). DAAAM International Scientific Book 2008. DAAAM International, Vienna:Austria, 2008, pp.759-772.

Hughes, D., C. Jerome, C.E. Hughes and E. Smith, The Application and Evaluation of Mixed Reality Simulation, in: D. Schmorow, J. Cohn, D. Nicholson (Eds). The PSI Handbook of Virtual Environments for Training and Education: Developments for the Military and Beyond Volume 3. Praeger Security International, Westport:CT, 2008, pp. 254-277.

Walters, L., E. Smith and C.E. Hughes, The Future of Museum Experiences, in: D. Schmorow, J. Cohn, D. Nicholson (Eds). The PSI Handbook of Virtual Environments for Training and Education: Developments for the Military and Beyond. Praeger Security International, Westport:CT, 2008, pp. 444-452.