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Nota di contenuto	Human Computer Interaction -- A Rule-Based Publish-Subscribe Message Routing System for Ubiquitous Computing -- Exploiting Eye Gaze Information for Operating Services in Home Network System -- A Methodology for Assessing the Level of U-Transformation of Ubiquitous Services -- 3D Space Handwriting Recognition with Ligature Model -- Scenario-Based Design of Ambient Intelligence -- Ubiquitous Multimedia Access with a Multidimensional Information Browser -- OPF: A Distributed Context-Sensing Framework for Ubiquitous

Computing Environments -- Modeling and Social Aspects --
 Implementation of Telematics Services with Context-Aware Agent
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 Dependent Task Computing in Pervasive Environment -- Semantic
 Information Retrieval in the COMPASS Location System -- A Formal
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 Coverage Maintenance in Wireless Sensor Networks -- Spectrum
 Sensing Method for Increasing the Spectrum Efficiency in Wireless
 Sensor Network -- Smart Devices and Security -- Algorithm for the
 Predictive Hibernation of Sensor Systems -- Encapsulation and Entity-
 Based Approach of Interconnection Between Sensor Platform and
 Middleware of Pervasive Computing -- Feature Selection and Activity
 Recognition from Wearable Sensors -- Portable Device for Bi-emotional
 State Identification Using Heart Rate Variability -- An Optimizing
 Authenticated Key Exchange Protocol for Self-organizing Sensor
 Networks.

Sommario/riassunto

We cordially welcome you to the proceedings of the 2006 International Symposium on Ubiquitous Computing Systems (UCS) held in Seoul, Korea. UCS has been a symposium for dissemination of state-of-the-art research and engineering practices in ubiquitous computing with particular emphasis on systems and software. 2006 UCS was the third of this series of international symposia, and its importance is increasing as information technology industries are recognizing ubiquitous systems to be one of their top priorities. This year the symposium was organized by u-Korea Forum, Su-kyunkwan University, The Electronic Times, and UCN, Korea. It was also sponsored by the Korea Ministry of Information and Communication, KISS, KIPS, KICS, NCA from Korea and IPSJ SIGUBI, IEICE URON, and UNF from Japan. This year we attracted 359 high-quality paper submissions from

all over the world. Among them, 41 papers representing 11 countries were selected to be included in the technical program. This very low acceptance rate of about 11% clearly demonstrates the high quality of the conference, and this tradition will continue in the upcoming years. Three distinguished speakers were also invited for keynote speeches, who enlightened the audience on ubiquitous computing theory and application.
