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# Embedded and Ubiquitous Computing

International Conference, EUC 2006  
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Proceedings

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# Preface

Embedded and ubiquitous computing is an exciting new paradigm that provides computing and communication services all the time, everywhere. Now we can attach computing and communication devices to human bodies to monitor our health, embed computing chips into brains to cure memory losses, or make smart fabrics so they can change colors or generate heat. All these new devices are created to the benefits or convenience of human lives. We need creativity as well as the advance of technology. This emergence is an outcome of research and technological advances in embedded software, embedded hardware, pervasive computing and communications, wireless networks, mobile computing, distributed computing and agent technologies, etc.

The EUC 2006 conference provided a forum for engineers and scientists in academia, industry, and government to address challenges and to present and discuss their ideas, results, work in progress, and experience. The Technical Program Committee of EUC 2006 was led by the TPC Chair, Edwin Shan, and 13 TPC Vice Chairs. A strong international Technical Program Committee was then formed to review, evaluate the submissions, and select the papers to be presented.

EUC 2006 had a very large number of submissions, more than 500 submissions from all over the world. After the TPC Chair asked authors to consider resubmitting their papers to EUC workshops, 50 submissions were withdrawn and resubmitted to EUC workshops. Finally, 467 submissions entered the EUC conference review process. Each paper was reviewed by at least three TPC members or external reviewers. It was extremely difficult to select papers to be accepted for presentations because there were so many excellent and interesting submissions. We finally accepted 117 papers in which 113 papers are published in these proceedings. We believe that all of these accepted papers are of very high quality and can also stimulate future research innovations in the area of embedded and ubiquitous computing.

We wish to thank the Program Committee members for the time and thought that they gave to create a first-class program, especially considering that they worked under a very tight schedule with a surprisingly huge number of submissions. To all the authors who submitted the papers and made this conference a success, we thank you.

We are also grateful to the Organizing Committee for organizing the conference, and to the keynote speakers who agreed to give exciting speeches.

April 2006

Edwin H.-M. Sha, Sung-Kook Han, Cheng-Zhong Xu  
Moon-Hae Kim, Laurence T. Yang and Bin Xiao  
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# Table of Contents

## Keynote

On Securing Networked Real-Time Embedded Systems <i>Kang G. Shin</i> .....	1
Towards Self-coordinating Ubiquitous Computing Environments <i>Franz J. Rammig</i> .....	2
Frontier of Digital Technology and Future Strategy <i>Hyun Jin Ko</i> .....	14

## Power Aware Computing

SAQA: Spatial and Attribute Based Query Aggregation in Wireless Sensor Networks <i>Yang Jie, Yan Bo, Sungyoung Lee, Jinsung Cho</i> .....	15
Efficient Algorithm of Energy Minimization for Heterogeneous Wireless Sensor Network <i>Meikang Qiu, Chun Xue, Zili Shao, Qingfeng Zhuge, Meilin Liu, Edwin H.-M. Sha</i> .....	25
Power-Aware Instruction Scheduling <i>Tzong-Yen Lin, Rong-Guey Chang</i> .....	35
Minimising the Energy Consumption of Real-Time Tasks with Precedence Constraints on a Single Processor <i>Hui Wu, Sridevan Parameswaran</i> .....	45
Power Aware H.264/AVC Video Player on PAC Dual-Core SoC Platform <i>Jia-Ming Chen, Chih-Hao Chang, Shau-Yin Tseng, Jenq-Kuen Lee, Wei-Kuan Shih</i> .....	57
Dynamic Repartitioning of Real-Time Schedule on a Multicore Processor for Energy Efficiency <i>Euiseong Seo, Yongbon Koo, Joonwon Lee</i> .....	69

## Security and Fault Tolerance 1

A Secure Key Agreement Scheme in Low-Energy Wireless Sensor Networks <i>Taeyeon Kim, Gicheol Wang, Gihwan Cho</i> .....	79
--	----

Person-Wise Privacy Level Access Control for Personal Information Directory Services <i>Hyung-Jin Mun, Keon Myung Lee, Sang-Ho Lee</i> .....	89
An Efficient Computing-Checkpoint Based Coordinated Checkpoint Algorithm <i>Chaoguang Men, Dongsheng Wang, Yunlong Zhao</i> .....	99
A Parallel GNFS Algorithm Based on a Reliable Look-Ahead Block Lanczos Method for Integer Factorization <i>Laurence T. Yang, Li Xu, Man Lin, John Quinn</i> .....	110
SPDA: A Security Protocol for Data Aggregation in Large-Scale Wireless Sensor Networks <i>Jin Wook Lee, Yann-Hang Lee, Hasan Cam</i> .....	121
Efficient and User Friendly Inter-domain Device Authentication/Access Control for Home Networks <i>Jin-Bum Hwang, Hyung-Kyu Lee, Jong-Wook Han</i> .....	131
 <b>Agent and Distributed Computing 1</b>	
A Programming Model for the Automatic Construction of USN Applications Based on Nano-Qplus <i>Kwangyong Lee, Woojin Lee, Juil Kim, Kiwon Chong</i> .....	141
Hierarchical and Dynamic Information Management Framework on Grid Computing <i>Eun-Ha Song, Yang-Seung Jeon, Sung-Kook Han, Young-Sik Jeong</i> .....	151
Kalman Filter Based Dead Reckoning Algorithm for Minimizing Network Traffic Between Mobile Nodes in Wireless GRID <i>Seong-Whan Kim, Ki-Hong Ko</i> .....	162
A Conceptual Framework for Agent-Based Information Resource Management <i>Charles C. Willow</i> .....	171
Advanced Stochastic Host State Modeling to Reliable Computation in Global Computing Environment <i>EunJoung Byun, HongSoo Kim, SungJin Choi, MaengSoon Baik, SooJin Goo, Joon-Min Gil, HarkSoo Park, Chong-Sun Hwang</i> .....	183

Dynamic Buffer Allocation for Conserving Disk Energy in Clustered Video Servers Which Use Replication <i>Minseok Song</i> .....	193
--	-----

## Wireless Communications 1

LBN: Load-Balancing Network for Data Gathering Wireless Sensor Networks <i>Wenlu Yang, Chongqing Zhang, Minglu Li</i> .....	204
Multi-user Diversity for IEEE 802.11 Infrastructure Wireless LAN <i>Sung Won Kim</i> .....	214
Performance Analysis of DS-BPAM UWB System over Fading Channels—Uncoded and Coded Schemes <i>Zhiquan Bai, Shaoyi Xu, Weihua Zhang, Kyungsup Kwak</i> .....	224
Protocol Design for Adaptive Video Transmission over MANET <i>Jeeyoung Seo, Eunhee Cho, Sang-Jo Yoo</i> .....	234
mSCTP-DAC: Dynamic Address Configuration for mSCTP Handover <i>Dong Phil Kim, Seok Joo Koh, Sang Wook Kim</i> .....	244
TCP-New Venio: The Energy Efficient Congestion Control in Mobile Ad-Hoc Networks <i>Namho Cho, Kwangsue Chung</i> .....	254

## Real-Time Systems

A Real-Time Message Scheduling Scheme Based on Optimal Earliest Deadline First Policy for Dual Channel Wireless Networks <i>Junghoon Lee, Mikyung Kang, Gyung-Leen Park, Ikchan Kim, Cheolmin Kim, Jong-Hyun Park, Jiman Hong</i> .....	264
On Multiprocessor Utility Accrual Real-Time Scheduling with Statistical Timing Assurances <i>Hyeonjoong Cho, Haisang Wu, Binoy Ravindran, E. Douglas Jensen</i> .....	274
Linux/RTOS Hybrid Operating Environment on Gandalf Virtual Machine Monitor <i>Shuichi Oikawa, Megumi Ito, Tatsuo Nakajima</i> .....	287

Optimizing Code Size for Embedded Real-Time Applications <i>Shao-Yang Wang, Chih-Yuan Chen, Rong-Guey Chang</i> .....	297
--	-----

Dual-Mode $r$ -Reliable Task Model for Flexible Scheduling in Reliable Real-Time Systems <i>Kyong Hoon Kim, Jong Kim, Sung Je Hong</i> .....	308
---	-----

## Security and Fault Tolerance 2

Securing Internet Gateway Discovery Protocol in Ubiquitous Wireless Internet Access Networks <i>Bok-Nyong Park, Wonjun Lee, Christian Shin</i> .....	318
---	-----

Data Integrity Related Markup Language and HTTP Protocol Support for Web Intermediaries <i>Chi-Hung Chi, Lin Liu, Xiaoyin Yu</i> .....	328
---	-----

Efficient Batch Verification for RSA-Type Digital Signatures in a Ubiquitous Environment <i>Seungwon Lee, Yookun Cho</i> .....	336
---	-----

Secure User Authentication Mechanism in Digital Home Network Environments <i>Jongpil Jeong, Min Young Chung, Hyunseung Choo</i> .....	345
--	-----

## Agent and Distributed Computing 2

Scalable Message Routing for Mobile Software Assistants <i>Paweł T. Wojciechowski</i> .....	355
--	-----

Grid Resource Management Based on Functional Dependency <i>Doan Thanh Tran, Eunmi Choi</i> .....	365
---	-----

Distributed Proximity-Aware Peer Clustering in BitTorrent-Like Peer-to-Peer Networks <i>Bin Xiao, Jiadi Yu, Zili Shao, Minglu Li</i> .....	375
---	-----

Distributed Invocation of Composite Web Services <i>Chang-Sup Park, Soyeon Park</i> .....	385
--	-----

## Embedded Software Optimization

System Software for Flash Memory: A Survey <i>Tae-Sun Chung, Dong-Joo Park, Sangwon Park, Dong-Ho Lee, Sang-Won Lee, Ha-Joo Song</i> .....	394
---	-----

Loop Striping: Maximize Parallelism for Nested Loops <i>Chun Xue, Zili Shao, Meilin Liu, Meikang Qiu, Edwin H.-M. Sha</i> .....	405
Efficient Error Control for Scalable Media Transmission over 3G Broadcast Networks <i>Kyungtae Kang, Joonho Lee, Yongwoo Cho, Heonshik Shin</i> .....	415
Implementation Synthesis of Embedded Software Under Operating Systems Supporting the Hybrid Scheduling Model <i>Zhigang Gao, Zhaohui Wu, Hong Li</i> .....	426
Designing Dynamic Software Architecture for Home Service Robot Software <i>Dongsun Kim, Sooyong Park</i> .....	437
<b>Embedded Systems</b>	
A Processor Extension for Cycle-Accurate Real-Time Software <i>Nicholas Jun Hao Ip, Stephen A. Edwards</i> .....	449
Next Generation Embedded Processor Architecture for Personal Information Devices <i>In-Pyo Hong, Yong-Joo Lee, Yong-Surk Lee</i> .....	459
A Secret Image Sharing Scheme Based on Vector Quantization Mechanism <i>Chin-Chen Chang, Chi-Shiang Chan, Yi-Hsuan Fan</i> .....	469
A Framework for Managing the Solution Life Cycle of Event-Driven Pervasive Applications <i>Johnathan M. Reason, Han Chen, ChangWoo Jung, SunWoo Lee, Danny Wong, Andrew Kim, SooYeon Kim, JiHye Rhim, Paul B. Chou, KangYoon Lee</i> .....	479
A Fast Instruction Set Evaluation Method for ASIP Designs <i>Angela Yun Zhu, Xi Li, Laurence T. Yang, Jun Yang</i> .....	489
An ARM-Based Embedded System Design for Speech-to-Speech Translation <i>Shun-Chieh Lin, Jhing-Fa Wang, Jia-Ching Wang, Hsueh-Wei Yang</i> .....	499

## Multimedia and Data Management 1

Human Computer Interaction for the Accelerometer-Based Mobile Game <i>Jonghun Baek, Ik-Jin Jang, KeeHyun Park, Hyun-Soo Kang, Byoung-Ju Yun</i> .....	509
Using Automatic Facial Expression Classification for Contents Indexing Based on the Emotional Component <i>Uwe Kowalik, Terumasa Aoki, Hiroshi Yasuda</i> .....	519
A Framework for Data Management and Transfer in Grid Environments <i>Haojie Zhou, Xingwu Liu, Liqiang Cao, Li Zha</i> .....	529
MMSDS: Ubiquitous Computing and WWW-Based Multi-modal Sentential Dialog System <i>Jung-Hyun Kim, Kwang-Seok Hong</i> .....	539
A Speech and Character Combined Recognition Engine for Mobile Devices <i>Min-Joung Kim, Soo-Young Suk, Ho-Youl Jung, Hyun-Yeol Chung</i> ...	549
Scalable Fingerprinting Scheme Using Statistically Secure Anti-collusion Code for Large Scale Contents Distribution <i>Jae-Min Seol, Seong-Whan Kim</i> .....	560

## Mobile Computing 1

Broadcasting Group Information to Ensure Consistency and Correctness in Mobile Computing Environments <i>Daein Kim, Buhyun Hwang</i> .....	570
A Fuzzy-Based Service Adaptation Middleware for Context-Aware Computing <i>Ronnie Cheung, Jiannong Cao, Gang Yao, Alvin Chan</i> .....	580
Next Generation Mobile Service Environment and Evolution of Context Aware Services <i>JungSook Bae, Jae Yong Lee, Byung Chul Kim, Seungwan Ryu</i> .....	591
Efficient Routing Protocol Using Virtual Connection and Load Balancing for Network Mobility <i>SungHo Kim, Sunshin An</i> .....	601
Network Mobility in MIPv6 Considering Arrival Time <i>Sun Ok Yang, SungSuk Kim</i> .....	610



Service-Oriented Device Anycasting Using Quality First Search in  
Wireless Personal Area Network

- Chien-Chung Su, Kuo-Shiang Lu, Mong-Fong Horng,  
Chao-Lieh Chen, Yau-Hwang Kuo, Jang-Pong Hsu,  
Wen-Hsin Cheng* ..... 620

## Wireless Communications 2

BaseStation Assisted TCP: A Simple Way to Improve Wireless TCP

- Shaoen Wu, Saâd Biaz, Yiming Ji,  
Bing Qi* ..... 630

Modeling Asymmetric Slot Allocation for Mobile Multimedia Services  
in Microcell TDD Employing FDD Uplink as Macrocell

- Dong-Hoi Kim* ..... 642

Dynamic Clustering for Coverage-Time Maximization in Two-Tiered  
Hierarchical Sensor Network Architectures

- Joongheon Kim, Wonjun Lee, Dongshin Kim, Eunkyo Kim,  
Hyeokman Kim, Sanghyun Ahn* ..... 652

An Enhanced Hybrid Rerouting Scheme for Handoff in Wireless ATM  
Networks

- Bih-Hwang Lee, Su-Shun Huang, Hsin-Pei Chen* ..... 662

Bridging Nodes Density: A Connection Stability Heuristic for Dynamic  
Ad-Hoc Networks

- Stefan Penz, Martin Wenig* ..... 672

A Base Station Centralized Simple Clustering Protocol for Sensor  
Networks

- Giljae Lee, Minsun Lee, Woojin Seok, Junguk Kong,  
Okhwan Byeon* ..... 682

## Embedded System Design Automation

Simulation Cost Reduction Strategies for Behavioral Model Verification  
in Bayesian Based Stopping Rule

- Kang Chul Kim, Chang-Gyoon Lim, Jae Hung Yoo,  
Seok Bung Han* ..... 692

Low Power Hardware-Software Partitioning Algorithm for  
Heterogeneous Distributed Embedded Systems

- Tianyi Ma, Jun Yang, Xinglan Wang* ..... 702

Refactoring-Based Stepwise Refinement in Abstract System-Level Design

*Ryosuke Yamasaki, Kazutaka Kobayashi, Nurul Azma Zakaria, Shuji Narazaki, Norihiko Yoshida* ..... 712

Custom Instruction Generation Using Temporal Partitioning Techniques for a Reconfigurable Functional Unit

*Farhad Mehdipour, Hamid Noori, Morteza Saheb Zamani, Kazuaki Murakami, Koji Inoue, Mehdi Sedighi* ..... 722

Scheduling of Transactions Based on Extended Scheduling Timed Petri Nets for SoC System-Level Test-Case Generation

*JinShan Yu, Tun Li, Yang Guo, QingPing Tan* ..... 732

Automatic Generation of Hardware/Software Interface with Product-Specific Debugging Tools

*Jeong-Han Yun, Gunwoo Kim, Choonho Son, Taisook Han* ..... 742

**Embedded Architectures**

Fault-Tolerant VLIW Processor Design and Error Coverage Analysis

*Yung-Yuan Chen, Kuen-Long Leu, Chao-Sung Yeh* ..... 754

Interconnect Estimation for Mesh-Based Reconfigurable Computing

*Haibin Shen, Rongquan You, Yier Jin, Aiming Ji* ..... 766

Efficient Logic Circuit for Network Intrusion Detection

*Huang-Chun Roan, Chien-Min Ou, Wen-Jyi Hwang, Chia-Tien Dan Lo* ..... 776

A Multi-protocol Baseband Modem Processor for a Mobile RFID Reader

*Seok Joong Hwang, Joon Goo Lee, Seon Wook Kim, Sunshin Ahn, Si-Gyung Koo, Jihun Koo, Kyung Ho Park, Woo Shik Kang* ..... 785

Write Back Routine for JFFS2 Efficient I/O

*Seung-Ho Lim, Sung-Hoon Baek, Joo-Young Hwang, Kyu-Ho Park* ... 795

Register Array Structure for Effective Edge Filtering Operation of Deblocking Filter

*Jongwoo Bae, Neungsoo Park, Seong-Won Lee* ..... 805

**Network Protocols 1**

Quantitative Service Differentiation: A Square-Root Proportional Model

*Xiaobo Zhou, Cheng-Zhong Xu* ..... 814

Power-Efficient Route Discovery (PERDP) for ODMA  
Systems

*Ray-Guang Cheng, Jia-Yang Hung, Yao-Yuan Liu* ..... 824

Energy Efficient Routing for Wireless Sensor Networks with Grid  
Topology

*Hock Guan Goh, Moh Lim Sim, Hong Tat Ewe* ..... 834

Performance Evaluation of Mobile IP Agents' Auto-reconfiguration  
Mechanisms in MANET

*Cláudia J. Barenco Abbas, Georges Amvame-Nze,  
L. Javier García Villalba* ..... 844

Formulas and Protocols for Broadcasting in Mobile Ad Hoc  
Networks

*Chang Wu Yu, Cheng Yao Tseng* ..... 854

Traffic Adaptive IEEE 802.15.4 MAC for Wireless Sensor  
Networks

*Younggoo Kwon, Yohan Chae* ..... 864

### Wireless Communications 3

An Efficient Relay Sensors Placing Algorithm for Connectivity in  
Wireless Sensor Networks

*Jyh-Huei Chang, Rong-Hong Jan* ..... 874

Performance Analysis of IEEE 802.15.4 with Non-beacon-enabled  
CSMA/CA in Non-saturated Condition

*Tae Ok Kim, Hongjoong Kim, Junsoo Lee, Jin Soo Park,  
Bong Dae Choi* ..... 884

Cross-Layer Duty Cycle Scheduling with Data Aggregation Routing in  
Wireless Sensor Networks

*Yean-Fu Wen, Frank Yeong-Sung Lin* ..... 894

A Link Stability Model and Stable Routing for Mobile Ad-Hoc  
Networks

*Min-Gu Lee, Sunggu Lee* ..... 904

Energy-Aware Routing with Limited Route Length for Multimedia  
Applications

*Cheolgi Kim, Kisoo Chang, Joongsoo Ma* ..... 914

Iterative Decoding-Based Phase Estimation for OFDM Systems at Low Operating SNR

*A. Sh. Fayziyev, Kwonhue Choi* ..... 924

**Middleware and P2P**

Semi-lock: An Efficient Cheat-Proof Synchronization Mechanism for Peer-to-Peer Game Systems

*Huaping Shen, Sajal K. Das, Mohan Kumar, Zhijun Wang* ..... 935

A Case Study on Message-Oriented Middleware for Heterogeneous Sensor Networks

*Sangim Ahn, Kiwon Chong* ..... 945

A Proxy-Enabled Service Discovery Architecture to Find Proximity-Based Services in 6LoWPAN

*Shafique Ahmad Chaudhry, Won Do Jung, Chaudhary Sajjad Hussain, Ali Hammad Akbar, Ki-Hyung Kim* ..... 956

PosCFS: An Advanced File Management Technique for the Wearable Computing Environment

*Woojoong Lee, Shine Kim, Jonghwa Shin, Chanik Park* ..... 966

Control of Information Appliances Using Instant Messaging

*Seong Joon Lee, Kwang Seon Ahn* ..... 976

Hybrid Dissemination Based Scalable and Adaptive Context Delivery for Ubiquitous Computing

*Lenin Mehedy, Md. Kamrul Hasan, Young Koo Lee, Sungyoung Lee, Sang Man Han* ..... 987

**Multimedia and Data Management 2**

A Neuroscientific Approach to Emotion System for Intelligent Agents

*Gunn-Yong Park, Seung-Ik Lee, Joong-Bae Kim* ..... 997

Automatic Decision Method of Effective Transform Coefficients for Face Recognition

*Jean Choi, Yun-Su Chung, Ki-Hyun Kim, Jang-Hee Yoo* ..... 1007

Finding the Perfect Projection System – Human Perception of Projection Quality Depending on Distance and Projection Angle

*Jochen Ehnes, Michitaka Hirose* ..... 1017

Context Reasoning Technologies in Ubiquitous Computing Environment <i>Sun Jie, Wu ZhaoHui</i> .....	1027
--	------

X-Tree Diff+: Efficient Change Detection Algorithm in XML Documents <i>Suk Kyoong Lee, Dong Ah Kim</i> .....	1037
---	------

wear-UCAM: A Toolkit for Mobile User Interactions in Smart Environments <i>Dongpyo Hong, Youngjung Suh, Ahyoung Choi, Umar Rashid, Woontack Woo</i> .....	1047
--	------

## Network Protocols 2

A Sensing Resolution-Based Energy Efficient Communication Protocol for Wireless Sensor Networks <i>Poyuan Li, Soon-Gyu Jeong, Sang-Jo Yoo</i> .....	1058
--	------

Impact of Node Cheating on Gossip-Based Protocol <i>Nan Zhang, Yuanchun Shi, Bin Chang</i> .....	1068
---	------

Energy-Efficient Clustering Algorithm in Wireless Sensor Networks <i>DaeHwan Kim, SangHak Lee, We Duke Cho</i> .....	1078
---	------

Enhanced Multipath Routing Protocol Using Congestion Metric in Wireless Ad Hoc Networks <i>Chunsoo Ahn, Jitae Shin, Eui-Nam Huh</i> .....	1089
--	------

Virtual Hierarchical Architecture Integrating Mobile IPv6 and MANETs for Internet Connectivity <i>Hyemee Park, Tae-Jin Lee, Hyunseung Choo</i> .....	1098
---	------

## Mobile Computing 2

A Comprehensive Study on Handover Performance of Hierarchical Mobile IPv6 <i>Youn-Hee Han, Dongwon Jeong</i> .....	1108
---	------

Adaptive Error Recovery in cdma2000 1xEV-DO Mobile Broadcast Networks <i>Kyungtae Kang, Yongwoo Cho, Hosang Park, Heonshik Shin</i> .....	1119
--	------

A Novel Approach for Sharing White Board Between PC and PDAs with Multi-users <i>Xin Xiao, Yuanchun Shi, Weisheng He</i> .....	1129
---	------

Semi-soft FMIPv6 for 802.11 Network  
*Hyon-Young Choi, Sung-Gi Min, Youn-Hee Han,*  
*Hee-Jin Jang* . . . . . 1139

An Optimized Scheme for Mobile IPv6 Handover Between Domains  
Based on AAA  
*Seonggeun Ryu, Youngsong Mun* . . . . . 1148

Interoperation of Home and Mobile Network Devices Employing  
a Jini-Agent System  
*Sang Tae Kim, Hyun Deok Kim* . . . . . 1158

**Author Index** . . . . . 1167