

Proceedings of INSS 2008

FIFTH INTERNATIONAL CONFERENCE ON NETWORKED SENSING SYSTEMS

June 17 - 19, 2008

Kanazawa, Japan

SICE

 **IEEE**

Fifth International Conference on Networked Sensing Systems
June 17-19, 2008
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Tuesday, June 17, 2008 - DAY 1

<i>9:00 – 9:20</i>	<i>Opening</i>	
<i>9:20 – 10:20</i>	Keynote Sensor Andrew: Ubiquitous Wide Campus Sensing Exploitation 1 José M. F. Moura Carnegie Mellon University, USA	
<i>10:20 – 10:40</i>	<i>Coffee break</i>	
<i>10:40 – 11:20</i>	Invited Talk 1 Realizing High-Rate Sensing in Wireless Embedded Systems 2 Mike Hazas Lancaster University, UK	
<i>11:20 – 12:20</i>	Session 1 Multi-level Design and Optimization of Wireless Sensor Network 3 Simone Campanoni and William Fornaciari Politecnico di Milano, ITALY	
	Providing Data Integrity in Intermittently Connected Wireless Sensor Networks 11 Igor Talzi, Sandro Schönborn and Christian Tschudin University of Basel, SWITZERLAND	
	Coping with Unreliable Channels: Efficient Link Estimation for Low-Power Wireless Sensor Networks 19 Andreas Meier, Tobias Rein, Jan Beutel and Lothar Thiele ETH Zurich, SWITZERLAND	
<i>12:20 – 13:20</i>	<i>Lunch</i>	
<i>13:20 – 14:40</i>	Session 2 Production Management System in an Assembly Plant by Terrestrial Magnetism Sensors 27 Yoshitoshi Murata ¹ , Nobuyoshi Sato ¹ and Shouichi Odashima ² ¹ Iwate Prefectural University, JAPAN, ² Kanto Auto Works, JAPAN	
	A New Highly-Synchronized Wireless Mesh Network Model in Use by the Electric Company to Switch to Automatic Meter Reading: Case Study 31 Leor Hardy and Marius Gafen Virtual Extension, ISRAEL	
	Messaging Methods in a Service-Oriented Architecture for Industrial Automation Systems 35 Vlad M. Trifa, Dominique Guinard and Moritz Koehler SAP Research SWITZERLAND and ETH Zurich, SWITZERLAND	
	Optical Vortex and Correlation Image Sensor for Networked Deformation Sensing of Infrastructures 39 Seichi Sato ¹ , Toru Kurihara ¹ , Shigeru Ando ¹ and Ikumatsu Fujimoto ² ¹ The University of Tokyo, JAPAN, ² CREST, Japan Science and Technology Agency, JAPAN	
<i>14:40 – 15:00</i>	<i>Coffee break</i>	
<i>15:00 – 16:40</i>	<i>Panel Discussion</i>	

16:40 – 17:00 Demo and Poster Setup
17:00 – 21:00 Demo and Poster Reception

Wednesday, June 18, 2008 - DAY 2

9:00 – 10:20	Session 3	
	Mathematical Modeling and Simulation of Micro Flux Gate Magnetic Sensor and Its Fabrication Using MEMS Technology	43
	E.M.S. Sri Jeevan Amrita University, INDIA	
	Neural Fault Isolator for Wireless Sensor Networks	47
	Luciana Moreira Sá de Souza ¹ , Ricardo Sangoi Padilha ² and Christian Decker ³ ¹ SAP Research Karlsruhe, GERMANY, ² SAP Strategic Development St. Leon Rot, GERMANY, ³ University of Karlsruhe, GERMANY	
	Update Tolerant Execution of Continuous Queries on Sensor Data	51
	Levent Gürgen ¹ , Claudia Roncancio ² , Cyril Labbe ² and Vincent Olive ¹ ¹ France Telecom R&D, FRANCE, ² LIG Laboratory, FRANCE	
	Active Tag Emulation for Pedestrian Localization Applications	55
	Razvan Beuran ^{1,2} , Junya Nakata ^{2,1} , Yoshihiro Suzuki ³ , Tetsuya Kawakami ³ , Ken-ichi Chinen ^{2,1} , Yasuo Tan ^{2,1} and Yoichi Shinoda ^{2,1} ¹ National Institute of Information and Communications Technology, JAPAN, ² Japan Advanced Institute of Science and Technology, JAPAN, ³ Matsushita Electric Industrial Co., Ltd., JAPAN	
	The Tag Duplication Problem in an Integrated WSN for RFID-Based Item-Level Inventory Monitoring	59
	Woohyung Chun ¹ , Eric Noel ² and K. Wendy Tang ¹ ¹ SUNY at Stony Brook, USA, ² AT&T Labs Research, USA	
	Behavior Description Algorithm Based on Home Sensor Data Using Nonlinear Transformations	63
	Akinori Fujii, Taketoshi Mori, Hiroshi Noguchi, Masamichi Shimosaka, Akira Baba and Tomomasa Sato The University of Tokyo, JAPAN	
	A Software Architecture for Accessing Data in Sensor Networks	67
	Arijit Ghosh and Tony Givargis University of California Irvine, USA	
10:20 – 10:40	<i>Coffee break</i>	
10:40 – 11:20	Invited Talk 2	
	MEMS Inertial Sensors and Their Applications	71
	Kazusuke Maenaka University of Hyogo, JAPAN	
11:20 – 12:20	Session 4	
	Evaluation of Antenna-Integrated 315MHz Transmitter for Smart Microsensors	74
	Jong-Wan Kim, Hidekuni Takao, Kazuaki Sawada and Makoto Ishida Toyohashi University of Technology, JAPAN and Japan Science and Technology Agency, JAPAN	
	Wireless Less-Invasive Blood Pressure Sensing Microsystem for Small Laboratory Animal In Vivo Real-Time Monitoring	80
	Peng Cong, Wen H. Ko and Darrin J. Young Case Western Reserve University, USA	

	Telemetry Platform for Deeply Implanted Biomedical Sensors	87
	Steve Majerus and Steven L. Garverick Case Western Reserve University, USA	
12:20 – 13:20	<i>Lunch</i>	
13:20 – 14:20	Session 5	
	The Implementation of Ultra Low Power IEEE802.15.4 Module and Its Application for Batteryless Wireless Sensors	93
	Itsuki Tanabe, Hiroshi Sasaki and Li Zheng Yamatake Corporation, JAPAN	
	Vibrating Sensing System Based on Optical Excitation and Detection Using Optical Fibers	97
	Hideto Iwaoka ¹ , Daisuke Chino ² , Tsuyoshi Ikehara ³ and Eiji Higurashi ² ¹ Kanazawa Institute of Technology, JAPAN, ² The University of Tokyo, JAPAN, ³ National Institute of Advanced Industrial Science and Technology, JAPAN	
	CMOS Photo-Transistor Array Detection System for Visual Light Identification (ID)	99
	Yoshinori Matsumoto, Takaharu Hara and Yohsuke Kimura Keio University, JAPAN	
14:20 – 18:00	<i>Conference Tour</i>	
18:00 – 23:00	<i>Banquet</i>	

Thursday, June 19, 2008 - DAY 3

9:00 – 10:20	Session 6	
	A Route Planning Method for Multiple Mobile Sensor Nodes	103
	Masaki Nakamiya ¹ , Tsutomu Terada ² and Shojiro Nishio ¹ ¹ Osaka University, JAPAN, ² Kobe University, JAPAN	
	Aggregating Sensor Data from Overlapping Multi-Hop Network Neighborhoods: Push or Pull?	107
	Kay Römer and Bernd-Christian Renner ¹ ETH Zurich, SWITZERLAND, ² TU Hamburg, GERMANY	
	Pluggable Real World Interfaces: Physically Enabled Code Deployment for Networked Sensors	111
	Till Riedel ¹ , Philipp Scholl ¹ , Christian Decker ¹ and Michael Beigl ² ¹ Universität Karlsruhe, GERMANY, ² TU Braunschweig, GERMANY	
	Toward Real-Time Extraction of Pedestrian Contexts with Stereo Camera	115
	Kei Suzuki ¹ , Kazunori Takashio ² , Hideyuki Tokuda ^{1,2} , Masaki Wada ^{2,3} , Yusuke Matsuki ^{2,3} and Kazunori Umeda ^{2,3} ¹ Keio University, JAPAN, ² CREST, Japan Science and Technology Agency, JAPAN, ³ Chuo University, JAPAN	
	Area-Based Activity Information Preservation Mechanism for Ubiquitous Sensor Environment	119
	Hiroshi Sakakibara, Takuro Yonezawa, Jin Nakazawa and Hideyuki Tokuda Keio University, JAPAN	
	SENSOR/Stat: Combining Sensor Middleware with a Statistical Computing Environment	123
	Akio Sashima, Takeshi Ikeda, Yutaka Inoue and Koichi Kurumatani National Institute of Advanced Industrial Science and Technology, JAPAN and CREST, Japan Science and Technology Agency, JAPAN	

	Multipath Energy-aware Routing Protocol in Wireless Sensor Networks	127
	Moonseong Kim ¹ , Euihoon Jeong ² , Young-Cheol Bang ² , Soyoung Hwang ³ and Bongsoo Kim	
	¹ Michigan State University, USA, ² Korea Polytechnic University, KOREA, ³ Electronics and Telecommunications Research Institute, KOREA	
	Lightweight Fault Tolerant Time Synchronization in Wireless Sensor Networks	131
	Soyoung Hwang, Gwang-Ja Jin and Bongsoo Kim	
	ETRI, KOREA	
10:20 – 10:40	<i>Coffee break</i>	
10:40 – 11:20	Invited Talk 3	
	Sun Glasses for Buildings Based on Micromirror Arrays: Technology, Control by Networked Sensors and Scaling Potential	135
	Hartmut Hillmer	
	Universität Kassel, GERMANY	
11:20 – 12:20	Session 7	
	EMG Sensor Integration Based on Two-Dimensional Communication	140
	Yasutoshi Makino, Shuhei Ogawa and Hiroyuki Shinoda	
	The University of Tokyo, JAPAN	
	Networked Sensing Systems for Detecting People Carrying Radioactive Material	148
	Mani Chandy, Concetta Pilotto and Ryan McLean	
	California Institute of Technology, USA	
	Three-Dimensional Shape Capture Sheet Using Distributed Six-Axis Sensors	156
	Takayuki Hoshi and Hiroyuki Shinoda	
	The University of Tokyo, JAPAN	
12:20 – 13:20	<i>Lunch</i>	
13:20 – 14:20	Session 8	
	Life Microscope: Continuous Daily-Activity Recording System with Tiny Wireless Sensor	162
	Takeshi Tanaka, Shunzo Yamashita, Kiyoshi Aiki, Hiroyuki Kuriyama and Kazuo Yano	
	Hitachi, Ltd., JAPAN	
	Research into Sensor Networks and Web APIs - Urban Navigation Systems Utilising Sensor Network Data	166
	Tatsuro Endo, Ayumi Banno and Yosuke Tamura	
	Fixstars Corporation, JAPAN	
	Possibility of Sensor Network Applying for Railway Signal System	170
	Yamato Fukuta	
	East Japan Railway Company, JAPAN	
14:20 – 14:40	<i>Coffee break</i>	
14:40 – 16:00	Session 9	
	TinyPBC: Pairings for Authenticated Identity-Based Non-Interactive Key Distribution in Sensor Networks	173
	¹ Leonardo Oliveira, ² Michael Scott, ¹ Julio López and ¹ Ricardo Dahab	
	¹ UNICAMP, BRAZIL, ² Dublin City University, IRELAND	
	Design and Analysis of Micro-Solar Power Systems for Wireless Sensor Networks	181
	Jaein Jeong, Xiaofan Jiang and David Culler	
	UC Berkeley, USA	

	Position Sensing Based on Electric Field Measurement on Two-Dimensional Signal Transmission Sheet	189
	Kei Nakatsuma, Yasutoshi Makino and Hiroyuki Shinoda The University of Tokyo, JAPAN	
	Quality of Location: Estimation, System Integration and Application	195
	Martin Berchtold ¹ , Till Riedel ¹ , Christian Decker ¹ , Christian Bittel ¹ , Michael Beigl ² and Monty Beuster ² ¹ Universität Karlsruhe, GERMANY, ² TU Braunschweig, GERMANY	
16:00 – 16:20	<i>Coffee break</i>	
16:20 – 17:10	Session 10	
	Distributed and Efficient Classifiers for Wireless Audio-Sensor Networks	203
	Baljeet Malhotra, Ioanis Nikolaidis and Mario A. Nascimento University of Alberta, CANADA	
	Wireless Sensor Nodes Localization based on Multiple Range Data Fusion	207
	Shintaro Yamada, Jun-ya Takayama and Shinji Ohyama Tokyo Institute of Technology, JAPAN	
	Structural Health Monitoring System Based on Strain Gauge Enabled Wireless Sensor Nodes	211
	Haksoo Choi, Sukwon Choi and Hojung Cha Yonsei University, KOREA	
	Time Synchronized Wireless Sensor System for Building Vibration Measurement	215
	Yutaka Uchimura Shibaura Institute of Technology, JAPAN	
	Vehicle Positioning Method with Car-to-Car Communications in Consideration of Communication Delay	219
	Hidekata Hontani and Yuya Higuchi Nagoya Institute of Technology, JAPAN	
17:10 – 17:30	<i>Closing</i>	

Posters

P01	A Fixed AMR for an Electric Company Using a New Type of Wireless Mesh Network: a Case Study	223
	Leor Hardy and Marius Gafen Virtual Extension, ISRAEL	
P02	Active RFID-Based Indoor Object Management System in Sensor-Embedded Environment	224
	Taketoshi Mori, Chetaphan Siridanupath, Hiroshi Noguchi and Tomomasa Sato The University of Tokyo, JAPAN	
P03	Optimum Joint Decoding in a LDPC-coded CDMA Multiuser System	225
	Toru Yano ¹ , Toshiyuki Tanaka ² , David Saad ³ and Satoshi Honda ¹ ¹ Keio University, JAPAN, ² Kyoto University, JAPAN and ³ Aston University, UK	
P04	Pedestrian-to-Vehicle Communication System for Improving Road Safety Using Cellular Phones	226
	Chika Sugimoto ¹ , Yasuhisa Nakamura ² and Takuya Hashimoto ² ¹ The University of Tokyo, JAPAN and ² NTT DoCoMo, Inc., JAPAN	
P05	Positioning System Using RSSI from PHS Cell Stations	227
	Y. Kawahara ¹ , N. Yokoi ¹ , H. Yoshida ¹ , H. Hosaka ¹ and K. Sakata ² ¹ The University of Tokyo, JAPAN and ² The Location Inc., JAPAN	

P06	DOA Estimation of Space Light Communication Sensor Network with Exponentially Amplitude Modulated LED	228
	Tomoya Shimizu and Kosuke Sato Osaka University, JAPAN	
P07	Xobe Sensor Networks: Integrating XML in Sensor Network Programming	229
	Nils Hoeller, Christoph Reinke, Sven Groppe and Volker Linnemann University of Luebeck, GERMANY	
P08	Real-world Event Recognition using Multiple Instant Learning Sensors	230
	Yuya Negishi and Nobuo Kawaguchi Nagoya University, JAPAN	
P09	Sensorized Map Using Human Probe	231
	Yasuyuki Ishida ¹ , Ryohei Suzuki ² , Kaoru Sezaki ² and Yoshito Tobe ^{1,3} ¹ Tokyo Denki University, JAPAN, ² University of Tokyo, JAPAN and ³ CREST, Japan Science and Technology Agency, JAPAN	
P10	An Enhanced Monte Carlo Localization Algorithm for Mobile Sensor Networks	232
	Marcelo H. T. Martins and Kaoru Sezaki The University of Tokyo, JAPAN	
P11	Proposition of the Context-Aware Interface for Cellular Phone Operation	233
	Mitsuhiro Matsumoto, Ryozo Kiyohara, Hidenori Fukui, Masayuki Numao and Satoshi Kurihara Osaka University, JAPAN	
P12	Gross Error Detection and Self-Calibration of Networked Sensors	234
	Yuya Takase and Hidekata Hontani Nagoya Institute of Technology, JAPAN	
P13	A Method for Positioning Mobile Sensor Nodes Using Nonparametric Belief Propagation	235
	Yuko Toshimitsu and Hidekata Hontani Nagoya Institute of Technology, JAPAN	
P14	Logic-Inspired Query Processing Framework for Sensor Networks	236
	Christian Hoareau ^{1,2} and Ichiro Satoh ² ¹ National Institute of Informatics, JAPAN, ² The Graduate University for Advanced Studies, JAPAN	
P15	An Entity Information Registry for Rendezvous-based Resource Coordination System	237
	Kei Wada, Yoshihiro Kawahara and Tohru Asami The University of Tokyo, JAPAN	
P16	GeoSkip: A Structured Overlay Network for Location-based Service	238
	Yoichi Nakamura ¹ , Niwat Thepvilojanapong ^{1,2} , Hiroki Saito ¹ and Yoshito Tobe ^{1,2} ¹ Tokyo Denki University, JAPAN and ² CREST, Japan Science and Technology Agency, JAPAN	
P17	Audio Fingerprinting in UbiComp Environments - Performance Measurements and Applications	239
	Stephan Sigg, Daniel Röhr, Monty Beuster and Michael Beigl TU Braunschweig, GERMANY	

P18	Search Space Size and Context Prediction	240
	Stephan Sigg, Monty Beuster, Daniel Röhr and Michael Beigl TU Braunschweig, GERMANY	
P19	The Proposal of the Dynamic Scheduling in the Sensor Network According to a Production of Electricity	241
	Noriyoshi Segawa, Daiki Ito, Yoshihiko Abe and Jun Sawamoto Iwate Prefectural University, JAPAN	
P20	P-Survive: Process Level Energy Reservation for Networked Sensing Systems	242
	Masato Mori, Junichi Yura, Jin Nakazawa and Hideyuki Tokuda Keio University, JAPAN and CREST, Japan Science and Technology Agency, JAPAN	
P21	Live! Commerce System: A Marketing WSN Enabling Analyzing Customers' Attention in the Real Shops	243
	Masayuki Iwai ¹ , Masato Mori ² and Hideyuki Tokuda ² ¹ Tokyo Denki University, JAPAN and ² Keio University, JAPAN	
 Demos		
D01	An Ultra Low Power ZigBee Module - AA Batteries with Life Expectancy of 10 or More Years!	245
	Itsuki Tanabe, Hiroshi Sasaki and Li Zheng Yamatake Corporation, JAPAN	
D02	Subtraction Stereo - A Stereo Vision Suitable for Surveillance Applications	246
	Tatsuya Nakanishi, Yuuki Hashimoto, Kota Irie and Kazunori Umeda Chuo University, JAPAN and CREST and Japan Science and Technology Agency, JAPAN	
D03	Implementation of Hierarchical GAF	247
	Takashi Osawa, Tokuya Inagaki and Susumu Ishihara Shizuoka University, JAPAN	
D04	An RFID-Based Human-Probe Positioning System	248
	Ryohei Suzuki ¹ , Marcelo H. T. Martins ¹ , Yasuyuki Ishida ² , Yoshito Tobe ² , Shin'ichi Konomi ¹ and Kaoru Sezaki ¹ ¹ University of Tokyo, JAPAN and ² Tokyo Denki University, JAPAN	
D05	The Three-Lead Wireless ECG in Sensor Networks for Mobile Patients	249
	Visarut Nopparat and Phongsak Keeratiwintakorn King Mongkut's Institute of Technology, THAILAND	
D06	Development of Mobile Robot Teleoperation System Utilizing Robot Sensor Network	250
	Yuji Kimitsuka, Kei Sawai and Tsuyoshi Suzuki Tokyo Denki University, JAPAN	
D07	Developing a Virtual Environment for Better Sensory Perception	251
	Daniel Röhr ¹ , Michael Beigl ¹ , Monty Beuster ¹ , Stephan Sigg ¹ , Christian Decker ² , Till Riedel ² and Martin Berchtold ² ¹ Technical University Braunschweig, GERMANY and ² University of Karlsruhe, GERMANY	

D08	A Database Infrastructure for Supporting Applications of Ubiquitous Sensor Networks	252
	Hideyuki Kawashima University of Tsukuba, JAPAN	
D09	Wireless Sensor Network for Industrial Automation	253
	Masato Yamaji, Yosuke Ishii, Tomomi Shimamura and Shuji Yamamoto Yokogawa Electric Corporation, JAPAN	
D10	ESAWN-NR: Authentic Aggregation and Non-Repudiation in Wireless Sensor Networks	254
	Joachim Wilke, Erik-Oliver Blaß and Martina Zitterbart University of Karlsruhe, GERMANY	
D11	Wireless Camera Node with Passive Pendulum Mechanism	255
	Kuniaki Kawabata ¹ , Hideo Sato ² , Tsuyoshi Suzuki ² and Yoshito Tobe ² ¹ RIKEN, JAPAN and ² Tokyo Denki University, JAPAN	
D12	Sensor Data Management in Dynamic Environments	256
	Levent Gürgen ¹ , Claudia Roncancio ² , Cyril Labbe ² , Vincent Olive ¹ and Didier Donsez ² ¹ France Telecom R&D, FRANCE and ² LIG Laboratory, FRANCE	
D13	EMG Sensor Integration Based on Two Dimensional Communication	257
	Yasutoshi Makino, Shuhei Ogawa and Hiroyuki Shinoda University of Tokyo, JAPAN	
D14	Active Tag Based Pedestrian Localization Emulation System	258
	Razvan Beuran ^{1,2} , Junya Nakata ^{2,1} , Takashi Okada ^{2,1} , Ken-ichi Chinen ^{2,1} , Yasuo Tan ^{2,1} , Yoichi Shinoda ^{2,1} , Yoshihiro Suzuki ³ and Tetsuya Kawakami ³ ¹ National Institute of Information and Communications Technology, JAPAN, ² Japan Advanced Institute of Science and Technology, JAPAN and ³ Matsushita Electric Industrial Co., Ltd., JAPAN	
D15	Development of a Sensor Node with Impact Resistance Capability for Gathering Disaster Area Information	259
	Kei Sawai ¹ , Hitoshi Kono ¹ , Tsuyoshi Suzuki ¹ , Kuniaki Kawabata ² and Yasushi Hada ³ ¹ Tokyo Denki University, JAPAN, ² RIKEN, JAPAN and ³ National Institute of Information and Communications Technology, JAPAN	