

Poster Session



P-01

- P01 Security in UbiComp: Protection through Commandments**
Guenter Mueller, Rafael Accorsi, Martin Kaehmer (University of Freiburg, Germany)



P-02

- P02 Through the Looking Glass...**
Tom Ainslie, Vanessa Khan, Gabriela Richard (New York University, USA)



P-03

- P03 Design and Applications of a Beer Mat for Pub Interaction**
Andreas Butz (University of Munich Germany), Michael Schmitz (Saarland University, Germany)



P-04

- P04 Urban Space and Pervasive Systems**
Ava Fatah gen. Schieck, Irene Lopez de Vallejo, Alan Penn (University College London, UK)



P-05

- P05 Floatingtones: A tool to Build an Acoustic Space**
Sarit Youdelevich (New York University, USA)



P-06

- P06 A Context Information Acquisition Framework for Personal Devices**
Ayako Takagi (Waseda University, Japan), Tetsuo Yamabe (Nokia Research Center, Japan), Tatsuo Nakajima (Waseda University, Japan), Nokia Research Center, Finland)



P-07

- P07 Generic Communication Structure to Integrate Widely Distributed Wireless Sensor Nodes by P2P Technology**
Manabu Isomura, Christian Decker, Michael Beigl (University of Karlsruhe, Germany)



P-08

- P08 Text Input Disambiguation Supported by a Hierarchy of User Models**
Nuno Gil, Carlos Bento (University of Coimbra, Portugal)



P-09

- P09 Tracking Objects using 3D Shape Transformation Tags**
Yutaka Yanagisawa, Takashi Hattori, Kaoru Hiramatsu, Tatsumi Yamada, Takeshi Okadome (NTT Corp., Japan)



P-10

- P10 Context Metadata: A New Hope**
Pertti Huuskonen, Antti Aaltonen, Juha Lehtikoinen (Nokia Research Center, Finland)



P-11

- P11 FlexSpace: Portable Media Habitat**
Saranont Limpananont (New York University, USA)



P-12

- P12 A Context-Aware Framework to Support Human Communication Considering Both Contexts of Callers and Callees**
Taro Nakao, Tadaaki Arimura, Tatsuya Nakamura, Shigetoshi Yokoyama (NTT DATA, Japan), Christian Rack, Thomas Bauer, Christoph Weckerle (FOKUS, Germany)



P-13

- P13 Pervasive Computing with OWL-S and a Formal Method**
Jose Ignacio, Rendo Fernandez, Iain W. Phillips (Loughborough University, UK)



P-14

- P14 A REST Based Coordination Middleware for Personal Mobile Servers**
Xuan Li, Daisuke Osahara, Shuuta Komatsubara, Eiji Tokunaga, Tatsuo Nakajima (Waseda University, Japan)



P-15

- P15 Group Detection Using Bluetooth**
Oscar Jarkvik, Bjorn Ljungquist (Stockholm University/Royal Institute of Technology, Sweden)

- P16** Indoor location based on GSM footprints
Marco Veloso, Carlos Bento (University of Coimbra, Portugal)  P-16
- P17** An Emulation Framework for Ubiquitous Service Discovery
Mike Heidrich, Andriy Golovko, Sven Siorpaes (Fraunhofer Institute, Germany)  P-17
- P18** A Positioning System Using Distributed Mobility Pattern Speculation
Takamichi Ishihara, Nobuhiko Nishio (Ritsumeikan University, Japan)  P-18
- P19** QR-QB and Z-agon: An Integration of A 2D-barcode Cube and A Cubic Display Device
Takashi Matsumoto, Hiroya Tanaka, Naohito Okude (Keio University, Japan)  P-19
- P20** A Panorama-Based Interface for Interacting with the Physical Environment Using Orientation-Aware Handhelds
Li-Wei Chan, Ya-Ying Hsu, Yi-Ping Hung, Jane Yung-jen Hsu (National Taiwan University, Taiwan)  P-20
- P21** Serious Bioplay: A Computer Integrated Building Service Game applying Psychophysiological Input
Steffen P. Walz, Odilo Schoch, Philipp Schaerer, Sebastian Gmelin, Tobias Bonwetsch, Bergit Hillner, Rafael Georg Schmidt, Bart Mermans, Jan Przerwa, Arno Schlueter (ETH Zurich, Switzerland)  P-21
- P22** BASE: An Interactive Location-aware Development Tool for Sentient Environments
Kaori Fujinami, Takeshi Kambe, Tatsuo Nakajima (Waseda University, Japan)  P-22
- P23** Towards Social Role-Aware Agents in Ubiquitous Computing
Akio Sashima (AIST, Japan, TUAT, Japan), Noriaki Izumi (AIST, Japan), Koichi Kurumatani (AIST, Japan), Yoshiyuki Kotani (TUAT, Japan)  P-23
- P24** vrFlora: Reactive Multimedia Contents in Smart Home Environments
Sejin Oh, Youngho Lee, Woontack Woo (GIST, Korea)  P-24
- P25** Growable media design: Integrating plants and digital media for information visualization
Satoshi Kuribayashi, Akira Wakita (Keio University, Japan)  P-25
- P26** Ubiquitous Semantic Spaces
Reto Kruppenacher, Thomas Strang (University of Innsbruck, Austria)  P-26
- P27** What Makes a Closet "Smart"?
Jennifer A. Rode, Justin Harris (University of California, Irvine, USA)  P-27
- P28** Sensors Driven Information Access and Platform Power Management in Cultural Heritage Applications
Marina Pettinari, Giuseppe Raffa, Elisa Sacchi, Luca Roffia, Tullio Salmon Cinotti, Andrea Tortoriello (University of Bologna, Italy)  P-28
- P29** Designing Augmented Refrigerator Magnets
Rachel Eardley (Microsoft Research, UK), Laurel Swan (Brunel University, UK), Abigail Sellen (Microsoft Research, UK), Alex S. Taylor (Microsoft Research, UK), Steve Hodges (Microsoft Research, UK), Ken Wood (Microsoft Research, UK), Lyndsay Williams (Microsoft Research, UK)  P-29
- P30** PetTracker- Pet Tracking System Using Motes
Zhengming Tang (University of California - Irvine, USA), Harlan Hile (University of Washington, USA), Sushil Bajracharya (University of California - Irvine, USA), Raja Jurdak (University of California - Irvine, USA)  P-30
- P31** Two key points of Applications in Ubiquitous Computing: Inferring and Self-Evolving
Soung Hun You, We Duke Cho (Ajou University, Korea)  P-31



P32 SWIH: Modeling Unified User-Centric Context
 Seie Jang (GIST, Korea), Dongoh Kwang (ETRI, Korea), Woontack Woo (GIST, Korea)



P33 Community Snowglobe: Interacting with the Social Memory of a Space
 Chao-Ming (James) Teng, Pattie Maes (MIT, USA)



P34 Rogue Signals: A Location-Aware Game for Studying the Social Effects of Information Bottlenecks
 Zachary O. Touns, Andruid Kerne, Daniel Caruso, Erin Devoy, Ross Graeber, Kyle Overby (Texas A&M University, USA)



P35 Turntroller: A "Turn" Operational Controller in the Ubiquitous Computing Environment
 Shunsuke Suzuki, Itsuki Shibata, Tetsuya Hamada, Okude Naohito (Keio University, Japan)



P36 Bluetooth Pooling to Enrich Co-Presence Information
 Rahul Nair, Marc Davis (Yahoo! Research Berkeley, USA)



P37 Service Recommendation for Conflict Resolution in Context-Aware Media Services
 Choonsung Shin (GIST, Korea), Inho Park (SEC Digital Solution Center, Korea), Woontack Woo (GIST, Korea)



P38 Using Mobile Phones for Domain Specific Information Appliances
 Albrecht Schmidt, Enrico Rukzio, Dominik Schmidt (University of Munich, Germany)



P39 JaGD - A Photo Oriented Learning and Gaming Platform for Mobile Phones
 Albrecht Schmidt, Enrico Rukzio, Eva Vodvarsky, Alexander De Luca (University of Munich, Germany)



P40 Enabling Seamless User Experiences over Personal Devices
 Zhigang Hua, Hanqing Lu (Chinese Academy of Sciences, China)



P41 Toward Collaborative Browsing of Web Content by Coordinated Handheld Devices
 Zhigang Hua (Chinese Academy of Sciences, China), Yutaka Kidawara (NiCT, Japan), Katsumi Tanaka (NiCT, Japan), Hanqing Lu (Chinese Academy of Sciences, China)



P42 Human Interaction with a Wall-Sized Display using a Stereo Camera
 Hideki Koike, Masataka Toyoura, Masayuki Ebata (University of Electro-Communications, Japan), Kenji Oka, Yoichi Sato (University of Tokyo, Japan)



P43 Awase-E: Photo-based User Authentication System
 Hideki Koike (University of Electro-Communications, Japan), Tetsuji Takada (National Institute of Advanced Industrial Science and Technology, Japan), Takehito Onuki (University of Electro-Communications, Japan)



P44 A Context-Oriented Application Switching Mechanism for Daily Life Supports
 Kengo Koizumi, Hiroshi Sakakibara, Masayuki Iwai, Hideyuki Tokuda (Keio University, Japan)



P45 Orientation Estimation Method and Orientation-Location Based Service Using Wireless LAN
 Seigo Ito, Nobuo Kawaguchi (Nagoya University, Japan)



P46 Proposal of a Semantic Information Distribution Model for Real World Objects
 Masaru Honjo (KDDI R&D Laboratories, Japan), Daisuke Morikawa (KDDI R&D Laboratories, Japan), Akira Yamaguchi (ATR, Japan), Masayoshi Ohashi (KDDI Corporation, Japan)



P47 QR-QB: Camouflaged Interfaces in Natural Environment
 Hiroya Tanaka (Keio University, Japan)