

PROGRAM AT A GLANCE

Tuesday, July 7

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|-------------|---|---------------------------------|--------------------------------------|-----------------------------------|--|------------------------------------|
| 08:30-18:00 | Registration (Abel Smith) | | | | | |
| 09:30-10:00 | Opening ceremony (Abel Smith) | | | | | |
| 10:00-11:00 | Keynote 1: Web of Things as a Framework for Ubiquitous Intelligence and Computing Professor Tharam S. Dillon, Curtin University of Technology, Australia (Abel Smith) | | | | | |
| 11:00-11:30 | Coffee break (Holt Room) | | | | | |
| 11:30-12:30 | Keynote 2: Design for Trust in Ambient & Ubiquitous Computing Professor Jean Camp, Indiana University, USA (Abel Smith) | | | | | |
| 12:30-13:00 | Organisational remarks (Abel Smith) | | | | | |
| 13:00-14:00 | Lunch (Holt Room) | | | | | |
| 14:00-15:00 | Keynote 3: Distributed Computing in Opportunistic Environments Professor Mohan Kumar, The University of Texas at Arlington, USA (Abel Smith) | | | | | |
| 15:00-15:30 | Coffee break (Holt Room) | | | | | |
| 15:30-17:30 | UIC session 1/7 (Abel Smith) | ATC session 1/5 (Innes Room) | UFirst session 6/6 (GP North 217) | ICA session 1/1 (GP North 216) | PerMedia session 1/1 (GP North 115) | CPSC session 1/3 (GP North 116) |
| 17:30-19:30 | Reception (Innes Room) | | | | | |

Wednesday, July 8

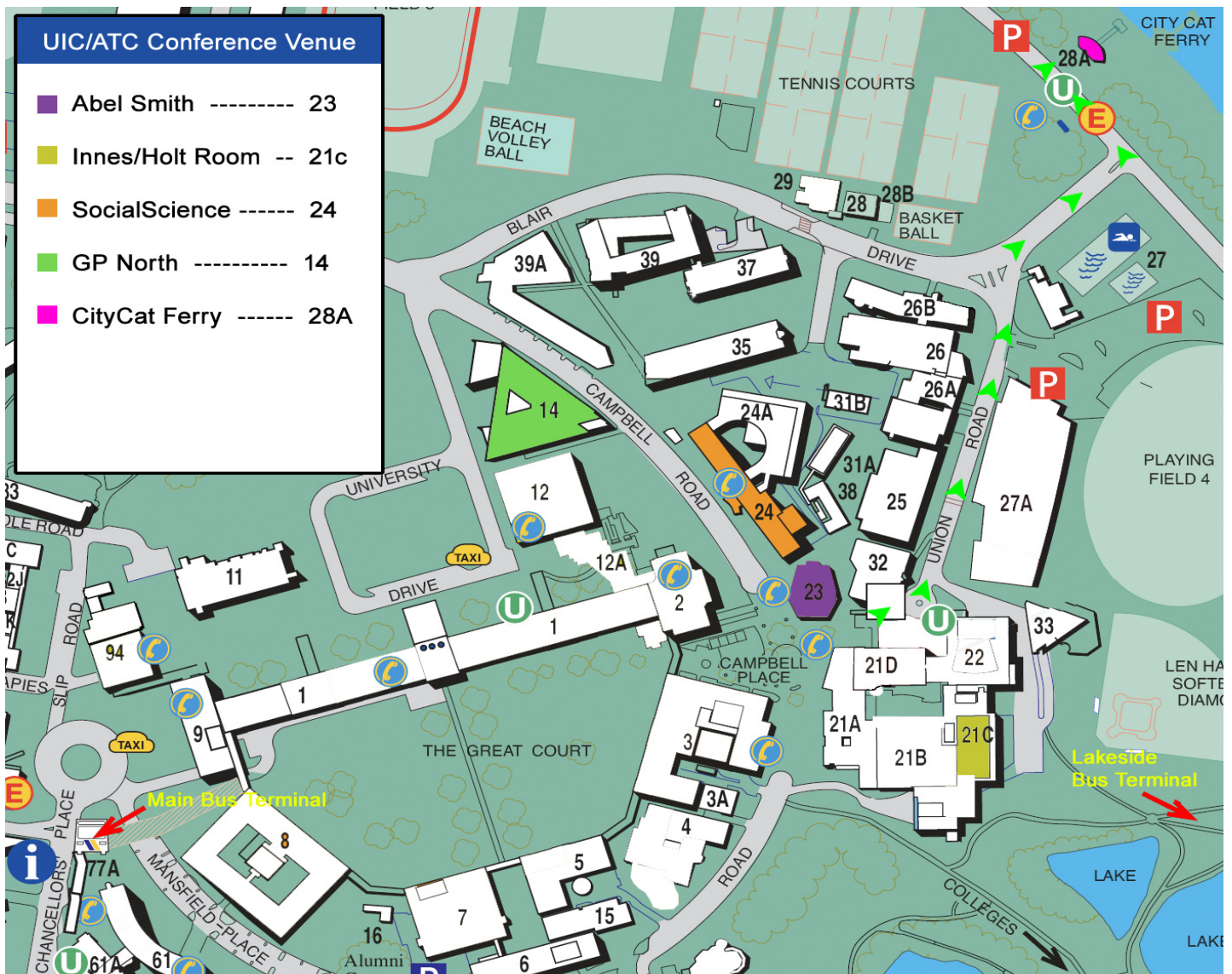
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|-------------|---|--|--------------------------------------|------------------------------------|------------------------------------|------------------------------------|
| 08:00-17:30 | Registration (Holt Room) | | | | | |
| 08:30-10:30 | UIC session 2/7 (Innes Room) | ATC session 2/5 (SocialSciences S402) | UFirst session 2/6 (GP North 217) | USST session 1/2 (GP North 216) | WiMo session 1/2 (GP North 115) | CPSC session 2/3 (GP North 116) |
| 10:30-11:00 | Coffee break (Holt Room) | | | | | |
| 11:00-13:00 | UIC session 3/7 (Innes Room) | ATC session 3/5 (SocialSciences S402) | UFirst session 3/6 (GP North 217) | USST session 2/2 (GP North 216) | WiMo session 2/2 (GP North 115) | CPSC session 3/3 (GP North 116) |
| 13:00-14:00 | Lunch (Holt Room) | | | | | |
| 14:00-15:30 | Panel discussion (Innes Room) | | | | | |
| 15:30-15:45 | UIC-2010/ATC-2010 Announcement | | | | | |
| 15:45-16:15 | Coffee break (Holt Room) | | | | | |
| 16:15-17:15 | ICA-IN-WIRELESS invited talk: Scheduling and Data Management Techniques in Wireless Mesh Networks: A Cross-layer Approach Assoc/Prof Mieso Denko, University of Guelph, Canada (Innes Room) | | | | | |
| 19:00-22:00 | Dinner cruise Kookaburra River Queen - Paddlewheeler (Eagle Street Pier) | | | | | |

PROGRAM AT A GLANCE

Thursday, July 9

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|-------------|---------------------------------|--|--------------------------------------|-----------------------------------|------------------------------------|-----------------------------------|
| 08:30-13:00 | Registration (Holt Room) | | | | | |
| 09:00-11:00 | UIC session 4/7 (Innes Room) | ATC session 4/5 (SocialSciences S402) | UFirst session 4/6 (GP North 217) | CPI session 1/3 (GP North 216) | MANS session 1/3 (GP North 115) | CTC session 1/3 (GP North 116) |
| 11:00-11:30 | Coffee break (Holt Room) | | | | | |
| 11:30-13:30 | UIC session 5/7 (Innes Room) | ATC session 5/5 (SocialSciences S402) | UFirst session 5/6 (GP North 217) | CPI session 2/3 (GP North 216) | MANS session 2/3 (GP North 115) | CTC session 2/3 (GP North 116) |
| 13:30-14:30 | Lunch (Holt Room) | | | | | |
| 14:30-16:30 | UIC session 7/7 (Innes Room) | UIC session 6/7 (SocialSciences S402) | UFirst session 1/6 (GP North 217) | CPI session 3/3 (GP North 216) | MANS session 3/3 (GP North 115) | CTC session 3/3 (GP North 116) |
| 16:30-17:00 | Coffee break (Holt Room) | | | | | |
| 17:00 | END OF CONFERENCE --- THANK YOU | | | | | |

Conference venue



TUESDAY, JULY 7

09:30-10:00 Opening ceremony

Abel Smith

Chair: Jadwiga Indulska (General chair, UIC'09/ATC'09)

Terry Caelli (Director, NICTA Queensland Research Lab)

Paul Bailes (Head of School, ITEE, The University of Queensland)

Daqing Zhang (Program chair, UIC'09)

Juan Gonzalez Nieto (Program chair, ATC'09)

Robert C. H. Hsu (Workshop chair)

10:00-11:00 Keynote 1

Abel Smith

Chair: Jadwiga Indulska

[Web of Things as a Framework for Ubiquitous Intelligence and Computing](#)

Professor Tharam S. Dillon, Curtin University of Technology, Australia

11:00-11:30 Coffee break

Holt Room

11:30-12:30 Keynote 2

Abel Smith

Chair: Juan Gonzales Nieto

[Design for Trust in Ambient & Ubiquitous Computing](#)

Professor Jean Camp, Indiana University, USA

12:30-13:00 Organisational remarks

Abel Smith

Chair: Jadwiga Indulska

13:00-14:00 Lunch

Holt Room

14:00-15:00 Keynote 3

Abel Smith

Chair: Marius Portmann

[Distributed Computing in Opportunistic Environments](#)

Professor Mohan Kumar, The University of Texas at Arlington, USA

15:00-15:30 Coffee break

Holt Room

15:30-17:30 Parallel sessions

| UIC session 1/7: Context Awareness | ATC session 1/5: Organic & Autonomic Computing | UFirst session 6/6: Smart Environments and Autonomous Systems | ICA session 1/1: GP North 216 | PerMedia session 1/1: GP North 115 | CPSC session 1/3: Cyber Intelligence and Safety |
|---|---|---|--|---|--|
| Abel Smith Chair: Stephen Yau Inferring Human Interactions in Meetings: A Multimodal Approach Zhiwen Yu, Zhiyong Yu, Yusa Ko, Xingshe Zhou, Yuichi Nakamura | Innes Room Chair: Hartmut Schmeck Towards an Organic Network Control System Sven Tomforde, Marcel Steffen, Jörg Hähner, Christian Müller-Schloer | GP North 217 Chair: Ren-Hung Hwang Agenda Driven Home Automation - Towards High Level Context Aware Systems Fano Ramparany, Yazid Benazzouz, Marta Bel Martin | GP North 216 Chair: Dhammika Jayalath Cooperative Routing for Wireless Networks with Multiple Shared Channels Xiaoqin Chen, Dhammika Jayalath, Leif Hanlen | GP North 115 Chair: Lei Ye RFID-Based Personalized Behavior Modeling Hui-Huang Hsu, Zixue Cheng, Timothy K. Shih, Chien-Chen Chen | GP North 216 Chair: Furong Wang In silico Consciousness: The Goal of Ambient Intelligent Computing V.K. Murthy, E.V. Krishnamurthy |
| Gesture Recognition with a 3-D Accelerometer Jiahui Wu, Gang Pan, Daqing Zhang, Guande Qi, Shijian Li | A universal self-organization mechanism for role-based Organic Computing systems Florian Nafz, Frank Ortmeier, Hella Seebach, Jan-Philipp Steghöfer, Wolfgang Reif | User Location Estimation Based on Stereo Audio-Vision Sang-Hyeon Jin, Dong-Ju Kim, Chee-Hyun Park, Kwang-Seok Hong | Node Localisation in Mobile Ad Hoc Networks Using Double Time Difference of Arrival HuiYao Zhang, Garry Einicke, Marek Blalkowski, John Homer | Ranking Method for Optimizing Precision/Recall of Content-Based Image Retrieval Jun Zhang, Lei Ye | A Novel Relay Encryption Scheme for Mobile Ad hoc Networks Duan Hu, Furong Wang, Chen Huang, Chunming Rong |
| Context-Aware Activity Recognition through a Combination of Ontological and Statistical Reasoning Daniele Riboni, Claudio Bettini | Towards Self-Organization in Automotive Embedded Systems Gereon Weiss, Marc Zeller, Dirk Eilers, Rudi Knorr | An Automatic Algorithm of Dangerous Construction Warning System Che-Jen Chen, Lee-Kuo Lin, Wei-Sheng Wu | Distributed WSN Data Stream Mining Based on Fuzzy Clustering Hakilo Sabit, Adnan Al-Anbuky, Hamid Gholam-Hosseini | Digital Watermarking Method Based on Image Size Invariant Visual Cryptographic Scheme Shu-Fen Tu, Ching-Sheng Hsu | Underwater Vehicle Noise Source Recognition Using Structure Dynamic Adjustable SVM Zhihua Gao, Kerong Ben, Lilin Cui |
| Context-Aware Path Planning in Ubiquitous Network Chiung-Ying Wang, Ren-Hung Hwang | Analyzing the Behavior of an Artificial Hormone System for Task Allocation Uwe Brinkschulte, Alexander von Renteln | Using the iDTV for Managing Services in the Ubiquitous Computing Environment Orlewilson B. Maia, Nairon S. Viana, Vicente F. de Lucena Júnior | Adaptive Determination of Data Granularity for QoS-Constrained Data Gathering in Wireless Sensor Networks Jun-Zhao Sun | CADBA: A Context-aware Architecture Based on Context Database for Mobile Computing Been-Chian Chien, Hsin-Chan Tsai, Yuen-Kuei Hsueh | |
| | Exploiting Semantics for Indoor Navigation and User-Tracking Emmanouil Nikoloudakis, Manolis Kritisotakis, Antonis Bikakis, Theodore Patkos, Grigoris Antoniou, Dimitris Plexousakis | Challenges and Evaluation of the State of the Art Routing Protocols for Wireless Mesh Networks Shivanajay Manwaha, Jadwiga Indulska, Marius Portmann | Human Motion Analysis Joseph C. Tsai, Tzu-Lin Wong, Hsing-Ying Zhong, Shih-Ming Chang, Timothy K. Shih | | |
| | | | | A User Location-Aware Music Playing System Youhei Katori, Jianhua Ma, Tomomi Kawashima, Runhe Huang, Bernady O. Apduhan, Qun Jin | |

11:00-13:00 Parallel sessions

| UIC session 3/7: Routing and Sensor Networks | ATC session 3/5: Trusted Computing and WSNs | UFirst session 3/6: Trusted Computing II | USST session 2/2: | WiMo session 2/2: | CPSC session 3/3: Cyber Physical Systems, Computational and Network System |
|--|---|---|--|--|--|
| Innes Room Chair: Laurence Yang | SocialScience S402 Chair: Juan Gonzales Nieto | GP North 217 Chair: Been-Chian Chien | GP North 216 Chair: Yue-Shan Chang | GP North 115 Chair: Karoly Farkas | GP North 116 Chair: Jiaping Liao |
| SMSR: A Scalable Multipath Source Routing Protocol for Wireless Sensor Networks Sutaek Oh, Dongkyun Kim, Hyunwoo Kang, Hong-Jong Jeong | SACConf: Semantic Attestation of Software Configurations Hua Wang, Yao Guo, Xiangqun Chen | Trust Management in Swarm-Based Autonomic Computing Systems Wendy M. Maiden, Jerome N. Haack, Glenn A. Fink, David McKinnon, Errin W. Fulp | A Level-Based Energy Efficiency Clustering Approach for Wireless Sensor Networks Hung-Chi Chu, Ying-Hsiang Liao, Lin-Huang Chang, Fang-Lin Chao | Optimizing Wireless Channels through a Push-Based System Ahmad S. Al-Mogren | Measurement and Feedback Scheme for CAC in Cellular Networks Hao Wang, Zhe Guo, Jialun Huang, Lai Tu |
| A Framework to Calibrate a MEMS Sensor Network Kahina Boutoustous, Eugen Dedu, Julien Bourgeois | ALOPA: Authorization Logic for Property Attestation in Trusted Platforms Aarthi Nagarajan, Vijay Varadharajan and Michael Hitchens | 50 Years of Isolation Nuwan A. Goonasekera, William J. Caelli, Tony Sahama | Mobility Management of VoIP Services Using SCTP Handoff Mechanism Lin-Huang Chang, Po-Hsun Huang, Hung-Chi Chu, Huai-Hsinh Tsai | Effective Top-down Clustering Algorithms for Location Database Systems Kwang-Jo Lee, Jin-Woo Song, Sung-Bong Yang | Joint Optimal Congestion Control and Channel Assignment for Multi-Radio Multichannel Wireless Networks in Cyber-Physical Systems Kewei Li, Qingwei Liu, Furong Wang, Xu Xie |
| Application Domain Driven Data Visualisation Framework for Wireless Sensor Networks Mohammad Hammoudeh, Robert Newman, Christopher Dennett, Sarah Mount | Employed BPN to multisensors data fusion for environment monitoring services Wen-Tsai Sung | Deriving a Good Trade-off Between System Availability and Time Redundancy Nils Müllner, Abhishek Dhama, Oliver Theel | The Steady Clustering Scheme for Heterogeneous Wireless Sensor Networks Jiun-Jian Liaw, Chen-Yi Dai, Yi-Jie Wang | Comparison of Service Management Architectures in MANETs Károly Farkas | Mobile Network Optimization Using Fuzzy Case-Based Reasoning for GSM Zeng Ma, Jun Hu, Shi Zhao, Jialun Huang |
| Hybrid Bluetooth Scatternet Routing Karl E. Persson, D. Manivannan | Argus: A Light-Weighted Secure Localization Scheme for Sensor Networks Wen Tao Zhu, Yang Xiang | Multidimensional Monitoring of Computer Systems Marcin Król, Janusz Sosnowski | An Image Copyright Protection Scheme with Tamper Detection Capability Shang-Lin Hsieh, Chung-Ping Yeh, I-Ju Tsai | Wireless Sensor Networks Performance Measurements and Monitoring Yaqoob J. AL-Raeisi, Nazar Elfadil | A Distributed IPS Model Based on Neighbor Distance Jian Zhang, Wanhua Cao, Huan Zhang, Li Feng, Duan Hu |
| | | | | | On-line Fault Diagnosis Model of the Hydropower Units Based on MAS Jiaping Liao, Bo Fu, Yu Chen |
| | | | | | Synchronized Multi-Channel Cognitive MAC Protocol with Efficient Solutions for Second Spectrum Access Sarah Eljack, Benxiong Huang, Lai Tu, Peng Zhang |

WEDNESDAY, JULY 8 (CONT)

13:00-14:00 Lunch

Holt Room

14:00-15:30 Panel discussion

Innes Room

Chairs: Christian Müller-Schloer, Max Mühlhäuser

15:30-15:45 UIC-2010/ATC-2010 ANNOUNCEMENT

Innes Room

Chairs: Daqing Zhang, Zhiwen Yu

15:45-16:15 Coffee break

Holt Room

16:15-17:15 ICA-IN-WIRELESS invited talk

Innes Room

Chair: Shivanajay Marwaha

[Scheduling and Data Management Techniques in Wireless Mesh Networks: A Cross-layer Approach](#)
Assoc/Prof Mieso Denko, University of Guelph, Canada

19:00-22:00 Dinner cruise

Kookaburra River Queen

09:00-11:00 Parallel sessions

| UIC session 4/7: Ubiquitous Networks and Devices | ATC session 4/5: Trusted Computing I | UFirst session 4/6: Ubiquitous Computing and Applications I | CPI session 1/3: Service Oriented Archi- tecture, Ubiquitous Tech- nologies and Services | MANS session 1/3: Multidisciplinary Models for Autonomous Networks and Systems | CTC session 1/3: Profiling |
|---|--|---|--|--|---|
| Innes Room Chair: Zhiwen Yu | SocialScience S402 Chair: Wolfgang Reif | GP North 217 Chair: Mieso Denko | GP North 216 Chair: Chu-Sing Yang | GP North 115 Chair: Jiehan Zhou | GP North 116 Chair: Paul Watters |
| Self-Estimation of Neighborhood Density for Mobile Wireless Nodes Junji Hamada, Akira Uchiyama, Hirozumi Yamaguchi, Shinji Kusumoto, Teruo Higashino | A Methodology towards Usable Trust Management Zheng Yan, Valtteri Niemi | MoWeT: A Configurable Framework to Support Ubiquitous Location-Aware Applications Ugo Barchetti, Alberto Bucciero, Tania A. De Benedittis, Francesca Macchia, Luca Mainetti, Antonio Tamborino | Context-awareness Hand-off Planning in Ubiquitous Network Hsiao-Yun Huang, Chiung-Ying Wang, Ren-Hung Hwang | 4-MASCALE - Improved Coverage Aware Clustering with Self Healing Abilities Jakob Salzmann, Ralf Behnke, Martin Gag, Dirk Timmermann | A Preliminary Profiling of Internet Money Mules: An Australian Perspective Manuel Aston, Stephen McCombie, Ben Reardon, Paul Watters |
| MeshVision: An Adaptive Wireless Mesh Network Video Surveillance System Peizhao Hu, Ryan Wishart, Jimmy Ti, Marius Portmann, Jadwiga Indulska | Formalizing Trust Based on Usage Behaviours for Mobile Applications Zheng Yan, Rong Yan | Ubiquitous Computing and Time Dimension Mauro Marcelo Mattos | A Grid-Based Distributed Computing Environment for Automatic Concept Extraction and Content Supporting Service Chih-Ming Wang, Ming-Chao Chiang, Chu-Sing Yang | Frontier Research on pervasive Emotion Computing Jiehan Zhou, Changrong Yu, Jukka Rieki | Using Differencing to Increase Distinctiveness for Phishing Website Clustering Robert Layton, Simon Brown, Paul Watters |
| SDEC: A P2P Semantic Distance Embedding Based on Virtual Coordinate System Yufeng Wang, Akihiro Nakao, Jianhua Ma | Fuzzy Regression Based Trust Prediction in Service-Oriented Applications Lei Li, Yan Wang, Vijay Varadharajan | An Open Framework for Distributed Context Management in Ubiquitous Environment Jun-Hong Lu, Chiung-Ying Wang, Ren-Hung Hwang | Correspondence Analysis to Screening the Implementation of One Village One Product Programs in Taiwan Hua-Kai Chiou, Gia-Shie Liu, Yen-Wen Wang, Tse-Jung Chen | A Random Group Mobility Model for Mobile Networks Lai Tu, Fan Zhang, Furong Wang, Xinmei Wang | Detecting Phishing Emails Using Hybrid Features Liping Ma, Bahadorrezda Ofoghi, Paul Watters, Simon Brown |
| Dynamic Integration of Zigbee Devices into Residential Gateways for Ubiquitous Home Services Young-Guk Ha | Theories of Trust for Communication Protocols Ji Ma, Mehmet Orgun, Abdul Sattar | Context and Adaptivity in Context-Aware Pervasive Computing Environments Ahmet Soylu, Patrick De Causmaecker, Piet Desmet | Multiple Objective Composite Optimization Method to Analyze the Strategies of Nanotechnology in Taiwan Hua-Kai Chiou, Gia-Shie Liu, Gwo-Hshiung Tzeng, Chien-Pin Wang | Spam and Social Effects Man Qi, Denis Edgar-Nevill, Reza Mousoli | |
| | Limiting Sybil Attacks on Bayesian Trust Models in Open SOA Environments Sebastian Ries, Erwin Altenbichler | | | | |

THURSDAY, JULY 9 (CONT)

11:00-11:30 Coffee break

Holt Room

11:30-13:30 Parallel sessions

| UIC session 5/7: Location-Based Services | ATC session 5/5: Trusted Computing II | UFirst session 5/6: Ubiquitous Computing and Applications II | CPI session 2/3: Multimedia Technologies and Smart Objects | MANS session 2/3: Interdisciplinary and In- tegrated System Design and Implementation | CTC session 2/3: Technical Countermea- sures |
|---|--|--|--|---|---|
| Innes Room Chair: Daqing Zhang | SocialScience S402 Chair: Zheng Yan | GP North 217 Chair: Jianhua Ma | GP North 216 Chair: Andrew Chiou | GP North 115 Chair: Yufeng Wang | GP North 116 Chair: Ben Reardon |
| Fine-Grained Evaluation of Local Positioning Systems for Specific Target Applications Erwin Aitenbichler, Fernando Lyardet, Aristotelis Hadjakos, Max Mühlhäuser | Toward Trustworthy Semantic Web Service Discovery and Selection Jing Li, Dianfu Ma, Jun Han, Xiang Long | A Situated Display for Local Community Participation: The Design and Use of Nnub Fiona Redhead, Andrew Dekker, Margot Brereton | Toward an OSGi-Based Infrastructure for Smart Home Applications Szu-Chi Wang, Kai-Peng Chen, Tung-Yen Lu, Chi-Yi Lin | Comparing and Evaluating Collection Strategies in Trust-Based Reputation Systems in Distributed Environments Bo Zong, Feng Xu, Jing Pan, Jian Lv | A Trust Enhanced Email Application Using Trusted Computing Julian Jang, Surya Nepal, John Zic |
| Indoor Positioning System Using Beacon Devices for Practical Pedestrian Navigation on Mobile Phone Yutaka Inoue, Akio Sashima, Koichi Kurumatani | Trust and Reputation Policy-Based Mechanisms for Self-Protection in Autonomous Communications Martin Serrano, John Strassner, Sven van der Meer, Stefano De Paoli, Aphra Kerr, Cristiano Stormi | Adaptive Interface for Collaborative Environments: AICE Youssef Roummieh, Parisa Ghodous | Bird Species Recognition by Wavelet Transformation of a Section of Birdsong Chih-Hsun Chou, Pang-Hsin Liu | An Improved DSSS-Based Flow Marking Technique for Anonymous Communication Traceback Lu Zhang, Junzhou Luo, Ming Yang | Understanding the Construction Mechanism of Botnets Xuefeng Li, Haixin Duan, Wu Liu, Jianping Wu |
| NavTag: An Inter-working Framework Based on Tags for Symbolic Location Coordinates for Smart Spaces V. Stirbu | Human Activity Recognizer for Mobile Devices with Multiple Sensors Kenta Cho, Naoki Iketani, Hisao Setoguchi, Masanori Hattori | Fast Intra/Inter Mode Decision for H.264/AVC Using the Spatial-Temporal Prediction Scheme Cheng-Chang Lien, Chih-Chang Chen, Yang-Kai Chang | Urban Search and Rescue Robots in Test Arenas: Scaled Modeling of Distasters to Test Intelligent Robot Prototyping Andrew Chiou, Carol Wynn | Enhancing Cooperative Behavior for Online Reputation Systems by Group Selection Yizhi Ren, Mingchu Li, Yongrui Cui, Cheng Guo, Kouichi Sakurai | IPGroupRep: A Novel Reputation Based System for Anti-Spam Hong Zhang, Haixin Duan, Wu Liu, Jianping Wu |
| Mobile Web 2.0-Oriented Five Senses Multimedia Technology with LBS-Based Intelligent Agent Jung-Hyun Kim, Hyeon-Joon Kwon, Hyo-Haeng Lee, Kwang-Seok Hong | An Event-driven Context Model in Elderly Health Monitoring Yuanyuan Cao, Linmi Tao, Guangyou Xu | Augmented Isometric Board Games: Linking the Physical Playing Field with Intelligent Non-Player Feedback Andrew Chiou | H6Proxy: ICMPv6 Weakness Analysis and Implementation of IPv6 Attacking Test Proxy Liu Wu, Duan Hai-xin, Lin Tao, Li Xing, Wu Jian-ping | | |

14:30-16:30 Parallel sessions

| UIC session 7/7: Ubiquitous Intelligence | UIC session 6/7: Security and Privacy | UFirst session 1/6: Wireless and Sensor Networks | CPI session 3/3: Wireless Sensor Networks, Ad-Hoc Networks and RFID | MANS session 3/3: Novel Interdisciplinary System Design | CTC session 3/3: Scams and Crime |
|--|---|--|--|--|--|
| Innes Room Chair: Jianhua Ma | SocialScience S402 Chair: Marius Portmann | GP North 217 Chair: Judith Symonds | GP North 216 Chair: Robert C. H. Hsu | GP North 115 Chair: Yizhi Ren | GP North 116 Chair: Stephen McCombie |
| Using RFID to Overcome Inventory Control Challenges: A Proof of Concept Dane Hamilton, Katina Michael, Samuel Fosso Wamba | Conflicting-Set-Based Wormhole Attack Resistant Localization in Wireless Sensor Networks Honglong Chen, Wei Lou, Zhi Wang | An Efficient Mechanism for Mobile Target Tracking in Grid-Based Wireless Sensor Networks Ying-Hong Wang, Kuo-Feng Huang, Ting-Wei Chang | A TCP Performance Improved mechanism for Wireless Network Ling Xiao, Zhitang Li, Na Zhao | Decentralized Task Allocation in an Organic Real-Time Middleware - An Auction-Based Approach Manuel Nickschas, Uwe Brinkschulte | The Case for a Consistent Cyberscam Classification Framework (CCCF) Amber Stabek, Simon Brown, Paul Watters |
| Anticipative Wrap-Around Inquiry Method towards Efficient RFID Tag Identification Ching-Hsien Hsu, Wei-Jau Chen, Yeh-Ching Chung | Novel and Efficient Identity-Based Authenticated Key Agreement Protocols from Weil Pairings Hua Guo, Yi Mu, Xiyong Zhang, Zhoujun Li | Space Time Codes to Achieve Generalized Optimal Diversity for Higher Rate Wireless Networking Jia Hou | An Adaptive Anti-Collision Algorithm towards Efficient RFID Tag Identification Bo-Yu Chen, Ching-Hsien Hsu, Kuan-Ching Li | The Optimal Choice by Resource Consumers in Grid Market Laiping Zhao, Mingchu Li, Weifeng Sun, Kouichi Sakurai, Yizhi Ren | Data Loss in the British Government: A Bounty of Credentials for Organised Crime Paul Watters |
| A Probabilistic Semantic Based Mixture Collaborative Filtering Linkai Weng, Yaoxue Zhang, Yuezhi Zhou, Laurence T. Yang, Pengwei Tian, Ming Zhong | Implicit User Re-authentication for Mobile Devices Sausan Yazji, Xi Chen, Robert P. Dick, Peter Schueremann | Biologically Inspired Ant-Based Routing in Mobile Ad hoc Networks (MANET): A Survey Shivanajay Marwaha, Jadwiga Indulska, Marius Portmann | An Accelerometer Based Approach for Indoor Localization Ching-Hsien Hsu, Chia-Hao Yu | Secure Information Flow by Model Checking Push-down System Cong Sun, Liyong Tang, Zhong Chen | |
| | Lattice Based Privacy Negotiation Rule Generation for Context-Aware Service Yonnim Lee, Debashis Sarangi, Ohbyung Kwon, Min-Yong Kim | A Routing Algorithm Based on Mobile Agent for Mine Monitoring Qianping Wang, Yan Zhao, Yu'e Su, Hongmei Liao, Ke Wang | ConPlan: A Context-Aware Ad-hoc Meeting Plan Program Ling Feng | | |
| | | Energy-Efficient Structuralized Clustering for Sensor-Based Cyber Physical Systems Jierui Cao, Huan Li | | | |