

#	Title	Track	Authors with affiliation and country
1570402168	Software Execution Freeze-Safe Microcontroller Using Power Profile Tracking for IoT-Driven Connected Services	Doctoral Symposium	Daejin Park (Kyungpook National University (KNU), Korea)
1570404915	Platform for Industrial Internet and Digital Twin Focused Education Research and Innovation - Ilmatar the Overhead Crane	Doctoral Symposium	Juuso Autiosalo (Aalto University, Finland)
1570406337	Statistical Analysis of CO2 Emission Based on Road Grade, Acceleration and Vehicle Specific Power for Public Utility Vehicles: An IoT Application	Doctoral Symposium	Maria Gemel Palconit (University of San Carlos & Cebu Technological University, Philippines); Warren A. Nuñez (University of San Carlos, Philippines)
1570399230	Fiber Bragg Grating-based Monitoring and Alert System for Care of Residents in Nursing Homes	Session on IoT and eHealth and AAL (I)	Siang Fook Foo, Maniyeri Jayachandran, Phua Jiliang Eugene, Yongwei Zhu and Jianzhong Hao (Institute for Infocomm Research, Singapore)
1570399535	Wearable M-Assessment System for Neurological Disease Patients	Session on IoT and eHealth and AAL (I)	Alar Kuusik (Tallinn University of Technology & Motionmon OU, Estonia); Muhammad Mahtab Alam and Triin Kask (Tallinn University of Technology, Estonia); Katrin Gross-Paju (West-Tallinn Central Hospital, Estonia)
1570404317	Early Detection of Mild Cognitive Impairment in Elderly Through IoT: Preliminary Findings	Session on IoT and eHealth and AAL (I)	Hwee-Xian Tan (Singapore Management University, Singapore); Hwee Pink Tan (Singapore Management University & TCS-SMU iCity Lab, Singapore)
1570404399	MEDIBOX - IoT Enabled Patient Assisting Device	Session on IoT and eHealth and AAL (I)	M Saravanan (Ericsson Research India & Ericsson Global India Private Limited, India); Achshay Mary Marks (VIT University, India)
1570385162	A Complete Internet of Things (IoT) Platform for Structural Health Monitoring (SHM)	Session on IoT and eHealth and AAL (II)	Ahmed Abdelgawad and Kumar Yelamarthi (Central Michigan University, USA); Md Anam Mahmud (CMU, USA)
1570404005	Heartbeat Monitoring UWB Sensor Robust to Body Movement	Session on IoT and eHealth and AAL (II)	Yuta Uomoto (The University of Kitakyushu, Japan); Akihiro Kajiwara (University of Kitakyushu, Japan)
1570391941	IoT-enabled Multimodal Sensing Headwear System	Session on IoT and eHealth and AAL (II)	Aung Aung Phyo Wai (Nanyang Technological University, Singapore); Dajiang He and Soon Huat Ng (Institute for Infocomm Research, Singapore)
1570398529	A Comprehensive Exploration to the Machine Learning Techniques for Diabetes Identification	Session on IoT and eHealth and AAL (II)	Sidong Wei (Shanghai Jiao Tong University, P.R. China); Xuejiao Zhao and Chunyan Miao (Nanyang Technological University, Singapore)

1570392930	The Virtual User: The Holistic Manager of Our IoT Applications	Session on IoT and Smart Environments	Roberto Girau, Virginia Pilloni and Luigi Atzori (University of Cagliari, Italy)
1570399323	Deep Neural Networks for Activity Recognition with Multi-Sensor Data in a Smart Home	Session on IoT and Smart Environments	Park Jiho, Kiyong Jang and Sung-Bong Yang (Yonsei University, Korea)
1570379372	Basket Based Sorting Method for Activity Recognition in Smart Environments	Session on IoT and Smart Environments	Zhenzhe Zhong (Orange Labs, France); Zhong Fan (Keele University, United Kingdom (Great Britain)); Fengming Cao (Toshiba Research Europe, United Kingdom (Great Britain))
1570388739	Energy Expenditure Estimation Through Daily Activity Recognition Using a Smart-phone	Session on IoT and Smart Environments	Maxime De Bois (ECE Paris, France); Hamdi Amroun (University of Paris sud, France); Mehdi Ammi (CNRS-LIMSI - University Paris-Sud, France)
1570391632	Autonomous Device Identification Architecture for Internet of Things	Session on IoT Identification	Hirofumi Noguchi and Tatsuya Demizu (Nippon Telegraph and Telephone Corporation, Japan); Naoto Hoshikawa (NTT Network Service Systems Laboratories & NTT, Japan); Misao Kataoka (NTT, Japan); Yoji Yamato (NTT Corporation, Japan)
1570391762	Identity/Identifier-Enabled Networks (IDEAS) for Internet of Things (IoT)	Session on IoT Identification	Bin Da (Beijing Huawei Digital Technologies Co., Ltd., P.R. China); Padma Esnault (Huawei Technologies, USA); Patrick Hu (Haidian District Beijing, P.R. China); Chuang Wang (Huawei Corporation, P.R. China)
1570393058	Barcode Fingerprinting: Unique Identification of Commercial Products with Their JAN/EAN/UCC Barcode	Session on IoT Identification	Rina Ueno and Jin Mitsugi (Keio University, Japan)
1570404367	Leveraging Social Notions to Improve ID-to-locator Mapping in IoT Identity Oriented Networks	Session on IoT Identification	Luigi Atzori (University of Cagliari, Italy); Claudia Campolo (University Mediterranea of Reggio Calabria, Italy); Bin Da (Beijing Huawei Digital Technologies Co., Ltd., P.R. China); Antonio Iera (University Mediterranea of Reggio Calabria, Italy); Giacomo Morabito (University of Catania, Italy); Padma Esnault (Huawei Technologies, USA); Salvatore Quattropiani (University of Catania, Italy)
1570392573	A Semantic Sensor Mashup Platform for Internet of Things	Session on IoT Infrastructure	Sungkwang Eom, Wonwoo Ro and Kyong-Ho Lee (Yonsei University, Korea)
1570399579	A Risk Aware Development and Deployment Methodology for Cloud Enabled Internet-of-Things	Session on IoT Infrastructure	Javeria Samad (Deakin University Melbourne, Australia); Seng W Loke (Deakin University, Australia)

1570398588	Efficient Device Group Management in oneM2M	Session on IoT Infrastructure	Hung-Chi Chen (National Chiao Tung University, Taiwan); Fuchun Joseph Lin (National Chiao Tung University & Ericsson, Taiwan)
1570399398	OTIoT - A Browser-based Object Tracking Solution for the Internet of Things	Session on IoT Infrastructure	Corinna Schmitt, Jan Meier and Matthias Diez (University of Zurich, Switzerland); Burkhard Stiller (University of Zürich, Switzerland)
1570399381	Drone Services: An Investigation via Prototyping and Simulation	Session on IoT, Drones and UAV	Majed Alwateer (Latrobe University, Australia); Seng W Loke (Deakin University, Australia); Wenny Rahayu (La Trobe University, Australia)
1570399383	A Novel Protocols for Data Links Between Wireless Sensors and UAV Based Sink Nodes	Session on IoT, Drones and UAV	Yuan Qin (Imperial College London, United Kingdom (Great Britain))
1570393040	Tracking Hazardous Aerial Plumes Using IoT-Enabled Drone Swarms	Session on IoT, Drones and UAV	Carl Seiber, David Nowlin, Bob Landowski and Matthew E. Tolentino (University of Washington, USA)
1570404093	Modeling of Roof-Mountable Thermoelectric Generator for Smart Factory	Session on IoT, Smart Factory and Smart Agriculture	Angela Caliwag, Manuel Eugenio Morocho Cayamcela, Stephen Ryan Angsanto and Wansu Lim (Kumoh National Institute of Technology, Korea)
1570387025	Internet of Underground Things: Sensing and Communications on the Field for Precision Agriculture	Session on IoT, Smart Factory and Smart	Mehmet Can Vuran, Abdul Salam, Rigoberto Wong and Suat Irmak (University of Nebraska-Lincoln, USA)
1570399377	A Low Power IoT Network for Smart Agriculture	Session on IoT, Smart Factory and Smart Agriculture	Soumil K Heble (Indian Institute of Technology Hyderabad, India); Ajay Yaduvanshi (Indian Institute of Technology, Hyderabad, India); Durga Prasad K v v (IITH, India); Soumya Samirana (IIT Hyderabad, India); P Rajalakshmi (Indian Institute of Technology Hyderabad, India)
1570399013	Vehicle Positioning Using WIFI Fingerprinting in Urban Environment	Session on IoT Application and Services (I)	Chee Wei Ang (Institute for Infocomm Research, Singapore)
1570399367	A Social Relationship-aware Mobility Model	Session on IoT Application and Services (I)	Dat Van Anh Duong and Seokhoon Yoon (University of Ulsan, Korea)
1570404187	IoT Lighting Towards a Connected Building Eco-System	Session on IoT Application and Services (I)	Ashish Pandharipande and Meng Zhao (Philips Research Laboratories, The Netherlands); Emmanuel Frimout and Paul Thijssen (Philips Lighting, The Netherlands)

1570404632	A Framework for Inter-Thing Relationships for Programming the Social IoT	Session on IoT Application and Services (I)	Ahmed Khaled (University of Florida & Mobile & Pervasive Computing Laboratory, USA); Sumi Helal (Lancaster University, United Kingdom (Great Britain))
1570392863	Towards the Internet of Everything: Deployment Scenarios for a QoO-aware Integration Platform	Session on IoT Experimental Results and Deployment Scenarios (I)	Antoine Auger (ISAE-SUPAERO & Université de Toulouse, France); Ernesto Exposito (UNIV PAU & PAYS ADOUR, France); Emmanuel Lochin (Université de Toulouse & ISAE-SUPAERO, France)
1570393042	Characterizing the Impact of Topology on IoT Stream Processing	Session on IoT Experimental Results and Deployment Scenarios (I)	Anindya Dey, Kim Stuart and Matthew E. Tolentino (University of Washington, USA)
1570393102	Machine Learning Based Electric Load Forecasting for Short and Long-term Period	Session on IoT Experimental Results and Deployment Scenarios (I)	Tomas Vantuch (VSB-TU Ostrava, Czech Republic); Aurora González-Vidal, Alfonso Ramallo and Antonio Fernando Skarmeta Gomez (University of Murcia, Spain); Stanislav Misak (VSB - Technical University of Ostrava, Czech Republic)
1570396267	Understanding Crowd Density with A Smartphone Sensing System	Session on IoT Experimental Results and Deployment Scenarios (I)	Kai Li (CISTER Research Unit & The Singapore University of Technology and Design, Singapore); Chau Yuen (Singapore University of Technology and Design, Singapore); Salil S Kanhere (The University of New South Wales, Australia); Kun Hu, Wei Zhang, Fan Jiang and Xiang Liu (Peking University, P.R. China)
1570398841	Evaluating an Augmented Remote Assistance Platform to Support Industrial Applications	Session on IoT Experimental Results and Deployment Scenarios (II)	Mark Rice, Keng-Teck Ma and Hong Huei Tay (Institute for Infocomm Research, Singapore); Joyce Kaliappan (Temasek Polytechnic, Singapore); Wei Ling Koh (Nanyang Technological University, Singapore); Wah Pheow Tan (Temasek Polytechnic, Singapore); Jamie Ng (Institute for Infocomm Research, Singapore)
1570399209	Bayesian Maximum Entropy and Interacting Multiple Model Based Automatic Sensor Drift Detection and Correction in an IoT Environment	Session on IoT Experimental Results and Deployment Scenarios (II)	Punit Rathore and Dheeraj Kumar (The University of Melbourne, Australia); Sutharshan Rajasegarar (Deakin University, Australia); Marimuthu Palaniswami (The University of Melbourne, Australia)
1570404588	Energy-Aware Services Composition for Internet of Things	Session on IoT Experimental Results and Deployment Scenarios (II)	Osama Alsaryrah (Yuan Ze University, Taiwan); Ibrahim Mashal (Aqaba University of Technology, Jordan); Tein Yaw Chung (Yuan Ze University, Taiwan)

1570403956	Pairwise Error Probability and Outage Probability Investigation of C(0) Protocol over Time Selective Fading Channels with Node Mobility and Imperfect Channel State Information	Session on Wireless Access Technologies and Architectures for IoT	Ravi Shankar (National Institute of Technology Patna, India); Ritesh Kumar Mishra (National Institute of Technology Patna, India)
1570399435	High Precision UWB-IR Indoor Positioning System for IoT Applications	Session on Wireless Access Technologies and Architectures for IoT	Rejina Ling Wei Choi, Ankur Gupta, Ankush Vashistha, Manmohan Sharma and Choi Look Law (Nanyang Technological University, Singapore)
1570405475	Reference Node Selection for Range-based Localization Using Hierarchical Clustering	Session on Wireless Access Technologies and Architectures for IoT	Hayato Nomura, Haruhisa Ichikawa and Yuusuke Kawakita (The University of Electro-Communications, Japan)
1570405584	WE-Safe: A Wearable IoT Sensor Node for Safety Application via LoRa	Session on Wireless Access Technologies and Architectures for IoT	Fan Wu, Christoph Rüdiger, Jean-Michel Redouté and Mehmet Rasit Yuce (Monash University, Australia)
1570405348	Comparison of Seven Business Model Innovation Tools for IoT Ecosystems	Session on Business Model Innovation and IoT	Hussam Mansour, Mirko Alexander Presser and Torben Bjerrum (Aarhus University, Denmark)
1570405393	Case Study of IoT as a Driver for Business Model Innovation in the Wind Industry	Session on Business Model Innovation and IoT	Szabolcs Nagy, Hussam Mansour and Mirko Alexander Presser (Aarhus University, Denmark)
1570405543	Mobile Edge Computing with Network Resource Slicing for IoT	Session on Edge Computing and IoT	Syed S Husain (DOCOMO Labs & NTT DOCOMO, USA); Andreas Kunz (Lenovo, Germany); Athul Prasad (Nokia Bell Labs, Finland); Konstantinos Samdanis (Huawei, Germany); JaeSeung Song (Sejong University, Korea)
1570399580	Subject-oriented Fog Computing: Enabling Stakeholder Participation in Development	Session on Edge Computing and IoT	Christian Stary (Johannes Kepler University Linz, Austria); Albert Fleischmann (Interaktiv Expert, Germany); Werner Schmidt (Technische Hochschule Ingolstadt, Germany)
1570404204	A Unified Architecture for Integrating Energy Harvesting IoT Devices with the Mobile Edge Cloud	Session on Edge Computing and IoT	Venkatraman Balasubramanian, Nikos Kouvelas and Vijay S Rao (Delft University of Technology, The Netherlands); Kishor Chandra (TU Delft, The Netherlands); Venkatesha Prasad (Delft University of Technology, The Netherlands); Artemios G. Voyiatzis (SBA Research, Austria); William Liu (Auckland University of Technology, New Zealand)
1570404246	Cloud Control DTN Utilizing General User' Smartphones for Narrowband Edge Computing	Session on Edge Computing and IoT	Takeshi Ogawa (Tokyo Denki University, Japan)

1570405531	Securing the Mobile Edge Through Named Data Networking	Session on Edge Computing and IoT	Marica Amadeo, Claudia Campolo and Antonella Molinaro (University Mediterranea of Reggio Calabria, Italy); Cristina E.M. Rottondi (Dalle Molle Institute for Artificial Intelligence (IDSIA), Switzerland); Giacomo Verticale (Politecnico di Milano, Italy)
1570379068	A Survey and Analysis of Ontology-Based Software Tools for Semantic Interoperability in IoT and WoT Landscapes	Session on Edge Computing and IoT	Amelie Gyrard (Ecole des Mines de Saint Etienne, France); Soumya Kanti Datta (EURECOM); Christian Bonnet (Institut Eurecom, France)
1570405534	IPv6 Communications over LoRa for Future IoV Services	Session on Edge Computing and IoT	Ramon Sanchez-Iborra, Jesus Sanchez-Gomez, Jose Santa, Pedro Javier Fernández Ruiz and Antonio Fernando Skarmeta Gomez (University of Murcia, Spain)
1570396607	NFV Enabled IoT Architecture for an Operating Room Environment	Session on Edge Computing and IoT	Igor Miladinovic and Sigrid Schefer-Wenzl (University of Applied Sciences FH Campus Wien, Austria)
1570398949	Edge Computing Resource Procurement: An Online Optimization Approach	Session on Edge/Fog/Cloud Computing and IoT	Duong Nguyen (University Of British Columbia, Canada); Long Bao Le (INRS, University of Quebec, Canada); Vijay Bhargava (University of British Columbia, Canada)
1570399355	CEFIoT: A Fault-tolerant IoT Architecture for Edge and Cloud	Session on Edge/Fog/Cloud Computing and IoT	Asad Javed (Aalto University, School of Science, Finland); Keijo Heljanko (Aalto University and HIIT, Finland); Andrea Buda (Aalto University, Finland); Kary Främling (Aalto University & ControlThings Oy Ab, Finland)
1570399163	Fog Assisted Application Support for Animal Behaviour Analysis and Health Monitoring in Dairy Farming	Session on Edge/Fog/Cloud Computing and IoT	Mohit Taneja (Waterford Institute of Technology & Telecommunications Software and Systems Group, Ireland); John Byabazaire and Alan Davy (Waterford Institute of Technology, Ireland); Cristian Olariu (IBM Ireland Limited & Innovation Exchange, Ireland)
1570399189	Extending Scalability of IoT/M2M Platforms with Fog Computing	Session on Edge/Fog/Cloud Computing and IoT	Chih-Lung Tseng (National Chiao Tung University, Taiwan); Fuchun Joseph Lin (National Chiao Tung University & Ericsson, Taiwan)
1570399431	Smart Charge	Session on Energy Efficient Solutions Based on IoT	Satrio Prawiro, Rio (Telkom University, Indonesia)

1570404312	A Double Regulated Footer and Header Voltage Technique for Ultra-Low Power IoT SRAM	Session on Energy Efficient Solutions Based on IoT	Huan Minh Vo (Ho Chi Minh University of Technology and Education, Vietnam)
1570405392	Energy Efficient Communication in Smart Building WSN Running Distributed Hidden Markov Chain Presence Detection Algorithm	Session on Energy Efficient Solutions Based on IoT	Charikleia Papatsimpa (Technische Universiteit Eindhoven, the Netherlands); Jean-Paul Linnartz (Technische Universiteit Eindhoven, The Netherlands)
1570399668	Bacteria to Power the Smart City Applications: Biofuel Cell for Low-Power IoT Devices	Session on Energy Efficient Solutions Based on IoT	Andrey Somov (Skolkovo Institute of Science and Technology, Russia); Pavel Gotovtsev and Andrey Dyakov (Kurchatov Institute, Russia); Alisa Alenicheva (National Research Centre Kurchatov Institute, Russia); Yuliya Plehanova, Sergey Tarasov and Anatoly Reshetilov (Skryabin Institute of Biochemistry and Physiology of Microorganisms of the RAS, Russia)
1570392206	Indoor Localization for IoT Applications Using Fingerprinting	Session on Indoor Location	Kumbesan Sandy Sandrasegaran (University of Technology, Sydney, Australia); Kalutarawedage Fonseka (UTS, Australia)
1570400035	A Location-Based Smart Shopping System with IoT Technology	Session on Indoor Location	Javad Rezazadeh (University of Technology Sydney & University Technology Sydney, Australia); Kumbesan Sandy Sandrasegaran and Xiaoying Kong (University of Technology, Sydney, Australia)
1570403801	A Novel System Architecture for Real-time, Robust and Accurate Step Detection for PDR Based Indoor Localization	Session on Indoor Location	M. P. R. S. Kiran and P Rajalakshmi (Indian Institute of Technology Hyderabad, India)
1570399417	Understanding the Quality of Calibrations for Indoor Localisation	Session on Location and IoT	Ryan McConville, Dallan Byrne, Ian Craddock, Robert J Piechocki, James Pope and Raul Santos-Rodriguez (University of Bristol, United Kingdom (Great Britain))
1570403749	Single LED Ceiling Lamp Based Indoor Positioning System	Session on Location and IoT	Ayesha Naz (Comsats Institute Of Information And Technology & Lahore University of Management Sciences, Pakistan); Naveed Ul Hassan and Adeel Pasha (Lahore University of Management Sciences, Pakistan); Hafiz Asif (Comsats Institute of Information Technology Lahore, Pakistan); Tariq M Jadoon (Lahore University of Management Sciences, Pakistan); Chau Yuen (Singapore University of Technology and Design, Singapore)

1570399436	Self Calibration of the Anchor Nodes for UWB-IR TDOA Based Indoor Positioning System	Session on Location and IoT	Ankush Vashistha, Ankur Gupta and Choi Look Law (Nanyang Technological University, Singapore)
1570399583	A Novel Fusion Methodology for Indoor Positioning in IoT-based Mobile Applications	Session on Location and IoT	Ramla Ijaz, Adeel Pasha and Naveed UI Hassan (Lahore University of Management Sciences, Pakistan); Chau Yuen (Singapore University of Technology and Design, Singapore)
1570405397	Leveraging BLE and LoRa in IoT Network for Wildlife Monitoring System (WMS)	Session on LPWAN technologies and IoT	Eyuel Debebe Ayele (University of Twente, The Netherlands & University of Dresden, Germany); Paul Havinga, Nirvana Meratnia and Kallol Das (University of Twente, The Netherlands)
1570400748	Powering the IoT Through Embedded Machine Learning and LoRa	Session on LPWAN technologies and IoT	Vignesh Mahalingam Suresh, Rishi Sidhu, Prateek Karkare, Aakash Patil, Zhang Lei and Arindam Basu (Nanyang Technological University, Singapore)
1570405421	Analyzing LoRa: a Use Case Perspective	Session on LPWAN technologies and IoT	Muhammad Omer Farooq (Cork Institute of Technology, Nimbus Centre for Embedded Systems Research, Ireland); Dirk Pesch (Cork Institute of Technology, Ireland)
1570402788	A Low-Cost LoRaWAN Testbed for IoT: Implementation and Measurements	Session on LPWAN technologies and IoT	Asif Muhammad Yousuf, Edward Rochester and Majid Ghaderi (University of Calgary, Canada)
1570403699	Leveraging Civilian IoT Infrastructures to Support Warfighting Activities in Urban Environments	Session on Military Applications of IoT	Giulio Riberto, Marco Govoni and Cesare Stefanelli (University of Ferrara, Italy); Niranjan Suri (US Army Research Laboratory (ARL) & Florida Institute for Human & Machine Cognition (IHMC), USA); Mauro Tortonesi (University of Ferrara, Italy)
1570405448	Evaluating LoRaWAN-based IoT Devices for the Tactical Military Environment	Session on Military Applications of IoT	Brian Jalaian and Timothy Gregory (US Army Research Laboratory, USA); Niranjan Suri (US Army Research Laboratory (ARL) & Florida Institute for Human & Machine Cognition (IHMC), USA); Stephen Russell (United States Army Research Laboratory, USA); Laurel Sadler and Michael Lee (US Army Research Laboratory, USA)

1570405470	A Survey of Applicability of Military Data Model Architectures for Smart City Data Consumption and Integration	Session on Military Applications of IoT	Manas Pradhan (Fraunhofer FKIE, Germany); Christoph Fuchs (University of Bonn & Fraunhofer FKIE, Germany); Frank T. Johnsen (Norwegian Defence Research Establishment (FFI), Norway)
1570393894	An Empirical Study on Automotive Cyber Attacks	Session on Secure Trust environment Model for Intelligent Vehicles	Madhusudan Singh (Yonsei Institute of Convergence Technology & Yonsei University, Korea)
1570403020	Blockchain: A Game Changer for Securing IoT	Session on Secure Trust environment Model for Intelligent Vehicles	Madhusudan Singh (Yonsei Institute of Convergence Technology & Yonsei University, Korea)
1570403843	Private Information Retrieval in Vehicular Location-Based Services	Session on Secure Trust environment Model for Intelligent Vehicles	Zheng Tan (Tongji University, P.R. China); Cheng Wang (Tongji University, Shanghai, P.R. China); Mengchu Zhou (New Jersey Institute of Technology, USA); Luomeng Zhang (Tongji University, P.R. China)
1570405474	Trust Bit: Reward-based Intelligent Vehicles Communication Using Blockchain	Session on Secure Trust environment Model for Intelligent Vehicles	Madhusudan Singh (Yonsei Institute of Convergence Technology & Yonsei University, Korea)
1570392266	SEABASS: Symmetric-keychain Encryption and Authentication for Building Automation Systems	Session on Security and Privacy for Internet of Things (I)	Joshua Ng (University of Glasgow, Singapore); Sye Loong Keoh (University of Glasgow, United Kingdom (Great Britain)); Zhaohui Tang (Singapore Institute of Technology, Singapore); Hajoon Ko (Harvard University, USA)
1570392804	Chameleon: A Blind Double Trapdoor Hash Function for Securing AMI Data Aggregation	Session on Security and Privacy for Internet of Things (I)	Heng Chuan Tan and Chun Yang Kelvin Lim (Republic Polytechnic, Singapore); Sye Loong Keoh (University of Glasgow, United Kingdom (Great Britain)); Zhaohui Tang (Singapore Institute of Technology, Singapore); Kok Hong David Leong (Republic Polytechnic, Singapore); Chin-Sean Sum (Wi-SUN Alliance, Singapore)
1570398769	Autonomous Vehicle Ultrasonic Sensor Vulnerability and Impact Assessment	Session on Security and Privacy for Internet of Things (I)	Bing Shun Lim (University of Glasgow & A Star, Singapore); Sye Loong Keoh (University of Glasgow, United Kingdom (Great Britain)); Vrizlynn L. L. Thing (Institute for Infocomm Research, Singapore)

1570399140	Trust List: Internet-wide and Distributed IoT Traffic Management Using Blockchain and SDN	Session on Security and Privacy for Internet of Things (II)	Kotaro Kataoka, Saurabh Gangwar and Prashanth Podili (Indian Institute of Technology Hyderabad, India)
1570399309	Detecting Anomalies in Metro Systems	Session on Security and Privacy for Internet of Things (II)	Marcellinus Hendro Adi Wibowo (Nanyang Technological University, Singapore); Huaqun Guo (Institute for Infocomm Research, A*STAR, Singapore); Wang Ling Goh (Nanyang Technological University, Singapore)
1570399660	Attack Graph - Based Vulnerability Assessment of Rank Property in RPL-6LOWPAN in IoT	Session on Security and Privacy for Internet of Things (II)	Rashmi Sahay (Birla Institute of Technology and Sciences, Pilani, Hyderabad Campus, India); Geethakumari G (BITS-Pilani, Hyderabad Campus, India); Koushik Modugu (Birla Institute of Technology and Sciences, Pilani, Hyderabad Campus, India)
1570403491	Long Term Key Management Architecture for SCADA Systems	Session on Security and Privacy for Internet of Things (II)	Hendra Saputra (Singapore Management University, Singapore); Zhigang Zhao (Institute for Infocomm Research, Singapore)
1570405333	Cyber Physical Surveillance System for Internet of Vehicles	Session on Security and Privacy for Internet of Things (III)	Dhananjay Singh (Hankuk University of Foreign Studies, Korea); Gaurav Tripathi (Bharat Electronics Limited, India); Rodrigo Righi (Unisinos, Brazil)
1570403846	Security-Reliability Trade-off in Cyber-Physical Cooperative Systems with Non-Ideal Untrusted Relaying	Session on Security and Privacy for Internet of Things (III)	Ali Kuhestani and Abbas Mohammadi (Amirkabir University of Technology, Iran); Phee Lep Yeoh (University of Sydney, Australia)
1570404292	Taxonomy on Malware Evasion Countermeasures Techniques	Session on Security and Privacy for Internet of Things (III)	Chandra Veerappan (Singapore Institute of Technology, Singapore); Peter Loh (SIT, Singapore); Zhaohui Tang and Su-Lim Tan (Singapore Institute of Technology, Singapore)
1570404518	Lightweight Gait Based Authentication Technique for IoT Using Subconscious Level Activities	Session on Security and Privacy for Internet of Things (III)	Pratik Musale (State University of New York Korea & Stony Brook University, Korea); Duin Back (The State University of New York Korea, Korea & Stony Brook University, USA); Bong Jun David Choi (The State University of New York (SUNY) Korea & Stony Brook University, Korea)
1570404532	Exploring Cyclic Prefix for Secret Data Transmission over LTE Networks	Session on Security and Privacy for Internet of Things (IV)	Ajay Kumar Nain (Indian Institute of Technology Hyderabad, India); P Rajalakshmi (Indian Institute of Technology Hyderabad, India)

1570404002	Test-based Risk Assessment and Security Certification Proposal for the Internet of Things	Session on Security and Privacy for Internet of Things (IV)	Sara Nieves Matheu García, José Luis Hernandez Ramos and Antonio Fernando Skarmeta Gomez (University of Murcia, Spain)
1570402185	Privacy-Preserving Survey by Crowdsourcing with Smartphones	Session on Security and Privacy for Internet of Things (IV)	Sin Teo, Narayanan Amudha and Jianneng Cao (Institute for Infocomm Research, Singapore)
1570393056	Leveraging Existing Sensor Networks as IoT Devices for Smart Buildings	Session on Smart Cities (I)	Brian Ramprasad (York University, Canada); Jennifer McArthur (Ryerson University, Canada); Marios Fokaefs and Cornel Barna (York University, Canada); Mark Damm (Fuseforward Solutions Group Ltd., Canada); Marin Litoiu (York University, Canada)
1570393013	Exploring Smart City IoT for Disaster Recovery Operations	Session on Smart Cities (I)	Niranjan Suri (US Army Research Laboratory (ARL) & Florida Institute for Human & Machine Cognition (IHMC), USA); Zbigniew Zielinski (Military University of Technology, Poland); Mauro Tortonesi (University of Ferrara, Italy); Christoph Fuchs (University of Bonn & Fraunhofer FKIE, Germany); Manas Pradhan (Fraunhofer FKIE, Germany); Konrad Wrona (NATO Communications and Information Agency, The Netherlands); Janusz Furtak (Military University of Technology, Poland); Bogdan Vasilache (NCI Agency, The Netherlands); Michael D Street (NATO Communications and Information Agency, The Netherlands); Vincenzo Pellegrini (IDS - Ingegneria dei Sistemi SpA, Italy); Giacomo Benincasa and Alessandro Morelli (Florida Institute for Human & Machine Cognition, USA); Cesare Stefanelli (University of Ferrara, Italy); Enrico Casini (Florida Institute for Human & Machine Cognition, USA); Michał Dyk (Military University of Technology, Poland)
1570405369	HAMRA - A Middleware for Data Traffic Management in Public Safety Networks	Session on Smart Cities (I)	Daniel Abujabra Merege (CityTech, Brazil); Eduardo Takeo Ueda (Institute for Technological Research of the State of São Paulo, Brazil)

1570402972	Practical Experience with Smart Cities Platform Design	Session on Smart Cities (I)	Wee Siong Ng and Ang Loon Chan (Institute for Infocomm Research, Singapore); Gim Guan Chua (Institute for Infocomm Research (I2R), A*STAR, Singapore); Chua Desmond Zhen Liang, Shuqiao Guo, Min Chim Lim and Mun Thye Mak (Institute for Infocomm Research, Singapore)
1570397507	Low Complexity Probabilistic Demand-side Bidding Strategies for Singapore Electricity Market	Session on Smart Cities (II)	Chin Choy Chai (Institute for Infocomm Research, Singapore)
1570399325	Energy Theft Detection in Advanced Metering Infrastructure	Session on Smart Cities (II)	Sandeep Singh (Indian Institute of Technology Delhi, India); Ranjan Bose (Indian Institute of Technology, India); Anupam Joshi (UMBC, USA)
1570404247	An Efficient Feature Matrix for Urban Noise Annoyance Measurement	Session on Smart Cities (II)	Ying Song (Institute for infocomm research, Singapore)
1570404472	Dynamic Route Planning Framework for Minimal Air Pollution Exposure in Urban Road Transportation Systems	Session on Smart Cities (II)	Bandla Vamshi (Indian Institute Of Information Technology Chittoor, Sri City, India); Rajavaraprasad Yerra (IIT Hyderabad & Mhrd, India)
1570403741	On Cooperative Autonomous Vehicles in the Urban Environment: Issues and Challenges for Dropping-Off and Parking	Session on Smart Cities (III)	Seng W Loke (Deakin University, Australia); Ali Aliedani (Latrobe University, Australia)
1570399401	Querying IoT Services: A Smart Carpark Recommender Use Case	Session on Smart Cities (III)	Alireza Hassani (University of Monash, Australia); Pari Delir Haghighi (Monash University, Australia); Prem Prakash Jayaraman (Swinburne University of Technology, Australia); Arkady Zaslavsky (CSIRO, Australia); Sea Ling (Monash University, Australia)
1570405545	A Novel Autonomous Taxi Model for Smart Cities	Session on Smart Cities (III)	N s Rajput (IIT BHU, India); Ashutosh Mishra (Indian Institute of Technology (BHU), Varanasi, India); Ilya Makarov (National Research University Higher School of Economics, Russia); Mukesh Deogune (IIT BHU, India); Amit Kumar (Iit (bhu) Varanasi, India)
1570399432	Optimal Rebalancing with Waiting Time Constraints for a Fleet of Connected Autonomous Taxi	Session on Smart Cities (III)	Seong Ping Chuah and Shili Xiang (Institute for Infocomm Research, Singapore); Huayu Wu (Institute for Infocomm Research (I2R), A*STAR, Singapore)

1570404205	A Digital Identity Stack to Improve Privacy in the IoT	Session on User Centric Security and Privacy for Smart Cities	Stephen Wilson (University of New South Wales & Lockstep Technologies, Australia); Nour Moustafa and Elena Sitnikova (University of New South Wales at Canberra, Australia)
1570404393	Secure and Trusted Telemedeciene in Internet of Things IoT	Session on User Centric Security and Privacy for Smart Cities	Umar Albalawi (University of Tabuk, Saudi Arabia); Shital Joshi (Oakland University, USA)
1570404600	Ontology-Based Automation of Security Guidelines for Smart Homes	Session on User Centric Security and Privacy for Smart Cities	Yasir Khan and Maryleen Ndubuaku (Coventry University, United Kingdom (Great Britain))
1570405492	Towards Privacy Preserving Data Provenance for the Internet of Things	Session on User Centric Security and Privacy for Smart Cities	Jose Luis Canovas, Jorge Bernal Bernabé and Antonio Fernando Skarmeta Gomez (University of Murcia, Spain)
1570385433	A Study of Distributed Compressive Sensing for the Internet of Things	Session on IoT Enabling Technologies (I)	Mohamed Shaban (Southern Arkansas University, USA); Ahmed Abdelgawad (Central Michigan University, USA)
1570389018	A cloud-IoT Model for Reconfigurable Radio Sensing: The Radio.Sense Platform	Session on IoT Enabling Technologies (I)	Stefano Savazzi (Consiglio Nazionale delle Ricerche CNR, Italy); Stephan Sigg (Aalto University, Finland); Monica Nicoli (Politecnico di Milano, Italy); Sanaz Kianoush (National Research Council of Italy (CNR), Italy); Franck Le Gall and Hamza Baqa (Easy Global Market, France); David Remon (Libelium Comunicaciones Distribuidas, Spain)
1570391654	Data Management and Packet Transmission Method Based on Receivers' Attributes	Session on IoT Enabling Technologies (I)	Tatsuya Demizu and Hirofumi Noguchi (Nippon Telegraph and Telephone Corporation, Japan); Naoto Hoshikawa (NTT Network Service Systems Laboratories & NTT, Japan); Misao Kataoka (NTT, Japan); Yoji Yamato (NTT Corporation, Japan)
1570392203	A Statistical Sparsity-based Method for Sensor Array Calibration	Session on IoT Enabling Technologies (I)	Lifan Zhao (Institute for Infocomm Research, A*star, Singapore); Shen Tat Goh (Institute for infocomm research, Singapore); Wee Siong Ng (Institute for Infocomm Research, Singapore)
1570392453	Multi-Channel Pure Collective Aloha MAC Protocol with Decollision Algorithm for Satellite Uplink	Session on IoT Enabling Technologies (II)	David Tung Chong Wong and Qian Chen (Institute for Infocomm Research, Singapore); Xiaoming Peng (Institute for InfoComm Research, Singapore); Francois Chin (Insttue for InfoComm Research, Singapore)

1570392606	IoT Fault Management Platform with Device Virtualization	Session on IoT Enabling Technologies (II)	Yuki Nishiguchi (Fujitsu Laboratories Ltd. & Fujitsu Limited, Japan); Ai Yano (Fujitsu Laboratories Ltd., Japan); Takeshi Ohtani (Fujitsu Limited, Japan); Ryuichi Matsukura (Fujitsu Laboratories Ltd., Japan); Jun Kakuta (Fujitsu Laboratories LTD., Japan)
1570392928	Adaptive Static Scheduling in IEEE 802.15.4 TSCH Networks	Session on IoT Enabling Technologies (II)	Xenofon Fafoutis, Atis Elsts, George Oikonomou, Robert J Piechocki and Ian Craddock (University of Bristol, United Kingdom (Great Britain))
1570392931	Extending the Battery Lifetime of Wearable Sensors with Embedded Machine Learning	Session on IoT Enabling Technologies (II)	Xenofon Fafoutis (University of Bristol, United Kingdom (Great Britain)); Letizia Marchegiani (University of Oxford, United Kingdom (Great Britain)); Atis Elsts, James Pope, Robert J Piechocki and Ian Craddock (University of Bristol, United Kingdom (Great Britain))
1570394113	Energy-Throughput Tradeoffs for Aerial Small-Cells-based Ubiquitous IoT	Session on IoT Enabling Technologies (III)	Sara Handouf (ENSEM, Morocco); Essaid Sabir (ENSEM, Hassan II University of Casablanca, Morocco); Mohamed Sadik (ENSEM / UH2C, Morocco)
1570396347	Detection Probabilities for Satellite VHF Data Exchange System with Decollision Algorithm and Spot Beam	Session on IoT Enabling Technologies (III)	David Tung Chong Wong and Qian Chen (Institute for Infocomm Research, Singapore); Xiaoming Peng (Institute for InfoComm Research, Singapore); Francois Chin (Institut for InfoComm Research, Singapore)
1570398987	Lightweight Energy-Cost-Efficient RAT Association for Internet of Things	Session on IoT Enabling Technologies (III)	Sara Arabi (ENSEM, Hassan II University, Morocco); Hajar El Hammouti (INPT, Morocco); Essaid Sabir (ENSEM, Hassan II University of Casablanca, Morocco); Halima Elbiaze (University of Quebec at Montreal, Canada); Mohamed Sadik (ENSEM / UH2C, Morocco)
1570399111	A Practical Dynamic Positioning and Tracking on the Vehicular Ad-Hoc Network	Session on IoT Enabling Technologies (III)	Tang- Hsien Chang (National Taiwan University, Taiwan)
1570399144	Energy Efficient Wireless Sensor Networks Utilizing Adaptive Dictionary in Compressed Sensing	Session on IoT Enabling Technologies (IV)	Amarlingam Madapu (IIT HYDERABAD, India); Pradeep Mishra and P Rajalakshmi (Indian Institute of Technology Hyderabad, India)
1570399172	A Protocol Development Kit for Wireless Systems	Session on IoT Enabling Technologies (IV)	Thomas G McGiffen, Sharanya Srinivas and Daniel W. Bliss (Arizona State University, USA)

1570399394	An Enhanced EAB Algorithm to Reduce RACH Congestion Due to IoT Traffic in LTE-A Networks	Session on IoT Enabling Technologies (IV)	Mukesh Giluka (Indian Institute Of Technology Hyderabad, India); Tathagat Priyadarshi (Sri Jayachamarajendra College of Engineering, India); Shakti Kumar (R V College of Engineering, Bengaluru, India); Antony Franklin A (Indian Institute of Technology Hyderabad, India); Bheemarjuna Reddy Tamma (IIT Hyderabad, India)
1570399439	Long-term Location Pattern Based Forwarding Scheme in Opportunistic Networks	Session on IoT Enabling Technologies (IV)	Kiyong Jang, Park Jiho and Sung-Bong Yang (Yonsei University, Korea)
1570399655	Cooperative Reinforcement Learning for Adaptive Power Allocation in Device-to-Device Communication	Session on IoT Enabling Technologies (V)	Muhidul Islam Khan and Muhammad Mahtab Alam (Tallinn University of Technology, Estonia); Yannick Le Moullec (TTU, Estonia); Elias Yaacoub (Arab Open University, Lebanon)
1570399657	Performance of Video Processing at the Edge for Crowd-Monitoring Applications	Session on IoT Enabling Technologies (V)	Camille Ballas, Mark Marsden, Dian Zhang, Noel E O'Connor and Suzanne Little (Dublin City University, Ireland)
1570399731	Opportunistic Cyberphysical Services: A Novel Paradigm for the Future Internet of Things	Session on IoT Enabling Technologies (V)	Giancarlo Fortino (University of Calabria, Italy); Wilma Russo (University of Calabria, Argentina); Claudio Savaglio (University of Calabria, Italy); Mirko Viroli (Alma Mater Studiorum - Università di Bologna, Italy); Mengchu Zhou (New Jersey Institute of Technology, USA)
1570403926	Contention Resolution Algorithm for Industrial Internet-of-Things Networks	Session on IoT Enabling Technologies (V)	Yan Maraden (University of Sydney, Australia); Wibowo Hardjawana (The University of Sydney, Australia); Branka Vucetic (University of Sydney, Australia)
1570404098	An Artificially Structured Step-Index Metasurface for 10GHz Leaky Waveguides and Antennas	Session on IoT Enabling Technologies (VI)	Manuel Eugenio Morocho Cayamcela, Stephen Ryan Angsanto, Angela Caliwag and Wansu Lim (Kumoh National Institute of Technology, Korea)
1570404573	An Analysis of Energy Pattern in Accordance with Memory Mapping for FRAM-based IoT Devices	Session on IoT Enabling Technologies (VI)	Mirae Kim (Hanyang University, Korea)
1570404644	Scalable Distributed-Sensing Scheme with Prioritized Reporting for Multi-Band WLANs	Session on IoT Enabling Technologies (VI)	Rui Teng (Advanced Telecommunications Research Institute International, Japan); Kazuto Yano and Tomoaki Kumagai (ATR, Japan)

1570384439	A Low Cost Omnidirectional Relative Localization Sensor for Swarm Applications	Session on Broadly Applicable IoT Techniques and Methods (I)	Anton Kohlbacher (Lulea University of Technology & Monash University, Sweden); Kevin Acres (Monash University, Australia); Jens Eliasson (Luleå University of Technology, Sweden); Hoam Chung and Jan Carlo Barca (Monash University, Australia)
1570392655	Budget-Hub: A Low Cost IoT Hub Selection and Neighbor Assignment Scheme	Session on Broadly Applicable IoT Techniques	Deepika Pethaperumal and Yang Peng (University of Washington Bothell, USA)
1570392675	Towards Low-Energy, Low-Cost and High-Performance IoT-based Operation of Interconnected Systems	Session on Broadly Applicable IoT Techniques and Methods (I)	Benjamin Karg and Sergio Lucia (Technische Universität Berlin & Einstein Center Digital Future, Germany)
1570393043	Optimization Based Self-Localization for IoT Wireless Sensor Networks	Session on Broadly Applicable IoT Techniques and Methods (I)	Paul Beuchat (ETH Zurich, Switzerland); Henrik Hesse (University of Glasgow, Singapore); Alexander Domahidi (Embotech GmbH, Switzerland); John Lygeros (ETH Zurich, Switzerland)
1570399077	Resource Sharing in IoT Ecosystems a Graph Theoretic Approach	Session on Broadly Applicable IoT Techniques and Methods (II)	Nikos Kouvelas and Venkatraman Balasubramanian (Delft University of Technology, The Netherlands); Artemios G. Voyiatzis (SBA Research, Austria); Venkatesha Prasad (Delft University of Technology, The Netherlands); Dirk Pesch (Cork Institute of Technology, Ireland)
1570399374	Dynamic Scheduling for Pickup and Delivery with Time Windows	Session on Broadly Applicable IoT Techniques and Methods (II)	Shudong Liu (Institute of Infocomm Research, Singapore); Sumei Sun, Peng Hui Tan, Ernest Kurniawan and Peng Zhang (Institute for Infocomm Research, Singapore)
1570399388	Sequential Context Modelling for Smart Devices by Collaborative Hidden Markov Model	Session on Broadly Applicable IoT Techniques and Methods (II)	Miao Lin (Institute for Infocomm Research, Singapore); Vincent Zheng (Advanced Digital Sciences Center, Singapore); Shili Xiang (Institute for Infocomm Research, Singapore)
1570399681	Towards Comfortable Cycling: A Practical Approach to Monitor the Conditions in Cycling Paths	Session on Broadly Applicable IoT Techniques and Methods (II)	Nipun Wijerathne (Singapore University of Technology and Design, Singapore); Sanjana Viswanath, Marakkalage Hasala and Chau Yuen (Singapore University of Technology and Design, Singapore)

1570389439	Smart Cup for Festival Alcohol Consumption Awareness	Session on IoT Application and Services (II)	Maxence Bobin and Hamdi Amroun (LIMSI-CNRS, France); Mehdi Boukallel (CEA-LIST, France); Margarita Anastassova (CEA LIST, France); Mehdi Ammi (CNRS-LIMSI - University Paris-Sud, France)
1570395468	A Wearable Interface in a Design-to-Robotic-Production and - Operation Development	Session on IoT Application and Services (II)	Alexander Liu Cheng (Delft University of Technology, The Netherlands & GRAFT Gesellschaft von Architekten mbH, Germany); Henriette Bier and Sina Mostafavi (Delft University of Technology, The Netherlands)
1570400183	Smart Work-Assisting Gear	Session on IoT Application and Services (II)	Projjal Gupta, Swaroop Belur, Chirag Parmar and Shashank Bharadwaj (SRM University, India)
1570403755	An Adaptive Method for Data Reduction in the Internet of Things	Session on IoT Application and Services (II)	Yasmin Fathy, Payam Barnaghi and Rahim Tafazolli (University of Surrey, United Kingdom (Great Britain))
1570403901	An Unsupervised Degradation Estimation Framework for Diagnostics and Prognostics in Cyber-Physical System	Session on IoT Application and Services (III)	Zhenyu Wu, Hao Luo and Yunong Yang (Beijing University of Posts and Telecommunications, P.R. China)
1570404198	WebRTC Based Invariant Scattering Convolution Network for Automated Validation of Ultrasonic Videos for IoT Enabled Tele-Sonography	Session on IoT Application and Services (III)	Ramkrishna Bharath (Indian Institute of Technology, India); P Rajalakshmi (Indian Institute of Technology Hyderabad, India)
1570404462	Group-based Incentive and Penalizing Schemes for Proactive Participatory Data Sensing in IoT Networks	Session on IoT Application and Services (III)	Bala Krishna Maddali (USICT, Guru Gobind Singh Indrasprastha University, New Delhi, India)