	Monday, January 6	Tuesday, January 7	Wednesday, January 8
9:00 - 9:30 am	Opening		
9:30 - 10:30 am	Keynote 1	Keynote 2	Urban Sensing
10:30 - 10:50 am	Coffee Break	Coffee Break	
10:50 - 11:00 am			Coffee Break
11:00 - 11:10 am	Mobile Phone Applications and Games	Localization and Location Context	
11:10 am - 12:20 pm			Multihop Wireless and Sensor Networks
12:20 - 12:30 pm	Lunch	Lunch	
12:30 - 12:40 pm			Closing
12:40 - 1:30 pm			
1:30 - 2:40 pm	Wireless Networks	Panel: Urban Computing: Emerging Research Fields and Challenges	
2:40 - 2:50 pm		Coffee Break	
2:50 - 3:10 pm	Coffee Break		
3:10 - 3:20 pm		Ad Hoc Networks and DTN	
3:20 - 4:20 pm	Security and Privacy		
4:20 - 4:30 pm	Short Break		
4:30 - 5:00 pm	One Minute Madness	Excursion and Gala Dinner	
5:00 - 5:30 pm	Living Lab & SMU tour		
5:30 - 7:00 pm	Demos and Posters Session w/ Reception		
7:00 - 9:00 pm			

Monday, January 6

9:00 AM - 9:30 AM

Opening

9:30 AM - 10:30 AM

Keynote 1

Professor Shinji Shimojo (Cybermedia Center, Osaka University, Japan)

Internet Evolution put a large impact on our daily life. The Internet is a big enabler of our future society. Recently, the Internet technology is going to have a big leap which is called Future Internet. Underlying technologies are, for example, Software Defined Network, network virtualization, Contents Centric Network and Delay Tolerant Network. In this talk, we think about how these new technologies have impact on mobile and ubiquitous networking, and especially on smart city applications.

10:30 AM – 11:00 AM

Coffee Break

11:00 AM – 12:20 PM

Mobile Phone Applications and Games

Feature Reduction for Floor-changing Activity Recognition in Multi-Floor Pedestrian Navigation
Sara Khalifa (University of New South Wales, Australia); Mahbub Hassan (University of New South Wales, Australia); Aruna Seneviratne (University of New South Wales, Australia)

A Model-based Energy Profiler using Online Logging for Android Applications
Takeshi Kamiyama (NTT DOCOMO, Inc., Japan); Hiroshi Inamura (NTT DOCOMO, Inc. & Research Laboratories, Japan); Ken Ohta (NTT DoCoMo, Inc., Japan)

Gamelets - Multiplayer Mobile Games with Distributed Micro-Clouds
Bhojan Anand (National University of Singapore & Anuflora International, Singapore); Aw Jia Hao Edwin (NUS, Singapore)

PARVAI - HVS Aware Adaptive Display Power Management for Mobile Games
Bhojan Anand (National University of Singapore & Anuflora International, Singapore); Kecen Li (National University of Singapore, Singapore); Akkihebbal L. Ananda (National University of Singapore, Singapore)

12:20 PM – 1:30 PM

Lunch

1:30 PM – 2:50 PM

Wireless Networks

Development of Mobile Communication Framework based on NTMobile
Kazuma Kamienoo (Meijo University, Japan); Hidekazu Suzuki (Meijo University, Japan); Katsuhiro Naito (Mie University, Japan); Akira Watanabe (Meijo University, Japan)

Performance Evaluation of MDT Assisted LTE RF Fingerprint Framework
Riaz Uddin Mondal (University of Jyvaskyla, Finland); Jussi Turkka (Magister Solutions Ltd. & Magister Solutions Ltd., Finland); Tapani Ristaniemi (University of Jyväskylä, Finland); Tero Henttonen (Nokia Solutions and Networks, Finland)

A Wireless Full-duplex and Multi-hop Network with Collision Avoidance using Directional Antennas
Yusuke Sugiyama (Shizuoka University, Japan); Kenta Tamaki (Shizuoka University, Japan); Shunsuke Saruwatari (Shizuoka University, Japan); Takashi Watanabe (Osaka University, Japan)

Characterization of the OFDM cooperative communication on the assumption IEEE802.11a
Yosuke Mukai (Mie University, Japan); Katsuhiro Naito (Mie University, Japan); Kazuo Mori (Mie University, Japan); Hideo Kobayashi (Mie University, Japan)

2:50 PM – 3:20 PM

Coffee Break

3:20 PM – 4:20 PM

Security and Privacy

Preventing Denial-of-request Inference Attacks in Location-sharing Services
Kazuhiro Minami (Institute of Statistical Mathematics, Japan)

Putting 'Pressure' on Mobile Authentication
Sougata Sen (Singapore Management University, Singapore); Kartik Muralidharan (Singapore Management University, Singapore)

Privacy Protection in WiFi-based Location Estimation
Zuotao Peng (Nagoya University & Graduate School of Engineering, Japan); Katsuhiko Kaji (Nagoya University, Japan); Nobuo Kawaguchi (Nagoya University, Japan)

4:20 PM – 4:30 PM

Short Break

4:30 PM – 5:00 PM

One Minute Madness

Demos and Posters Preview

5:00 PM – 5:30 PM

Living Lab & SMU tour

5:30 PM – 7:00 PM

Demos and Posters Session w/ Reception

Detection and Notification of Dangerous Obstacles and Places for Visually Impaired Persons Using a Smart White Cane
Yoshihiro Niitsu (Shibaura Institute of Technology, Japan); Toshiki Taniguchi (Shibaura Institute of Technology, Japan); Kouichiro Kawashima (Shibaura Institute of Technology, Japan)

Combining Local Channel Selection with Routing Metrics in Multi-channel Wireless Mesh Networks
Hiromichi Kanaoka (Graduate School of Systems Engineering, Wakayama University, Japan); Takuya Yoshihiro (Wakayama University, Japan)

Proposal for an Ad-hoc Routing Protocol considering Traffic Conditions and Evaluation of UDP using a Redundant Route
Yuta Mikamo (Meijo University, Japan); Kensaku Asahi (Meijo University, Japan); Hidekazu Suzuki (Meijo University, Japan); Akira Watanabe (Meijo University, Japan)

Reduction in the Amount of Probe Data During Smartphone Use of Telematics Services
Hirohito Kakizawa (Kanagawa Institute of Technology, Japan); Tsubasa Kato (Kanagawa Institute of Technology, Japan); Tatsuya Oue (Kanagawa Intitute of Technology, Japan); Shinji Kitagami (Misubishi Electric Corp., Japan); Yoshiaki Terashima (Mitsubishi Electric Corp., Japan); Masashi Saito (Mitsubishi Electric Corporation, Japan); Ryozo Kiyohara (Kanagawa Institute of Technology, Japan)

MIMO Full-Duplex Wireless: Node Architecture and Medium Access Control Protocol
Megumi Fukumoto (Sophia University, Japan); Masaki Bandai (Sophia University, Japan)

Proposal for a Seamless Connection Method for Remotely Located Bluetooth Devices
Kazuma Tsuda (Meijo University, Japan); Hidekazu Suzuki (Meijo University, Japan); Kensaku Asahi (Meijo University, Japan); Akira Watanabe (Meijo University, Japan)

An Intelligent System to Detect, Avoid and Maintain Potholes: A Graph Theoretic Approach

Shreyas Balakuntala (M S Ramaiah Institute of Technology, India); Sandeep Venkatesh (M S Ramaiah Institute of Technology, India); Rajarajeswari S (M S Ramaiah Institute of Technology, India); Nitin Jagadish (Nitte Meenakshi Institute of Technology, India); Sunil Kumar M (M S Ramaiah Institute of Technology, India); Abhiram E (Vishweshvaraya Technological University, India)

Designing Application as a Sensor (AaaS) Approach for User Attention Sensing

Tadashi Okoshi (Keio University, Japan); Jin Nakazawa (Keio University, Japan); Hideyuki Tokuda (Keio University, Japan)

Comparative Evaluation of Heuristics for Time Slot Assignment in IEEE 802.16j Relay Networks

Shoichi Takagi (Osaka University, Japan); Go Hasegawa (Osaka University, Japan); Yoshiaki Taniguchi (Osaka University, Japan); Hirotaka Nakano (Osaka University, Japan); Morito Matsuoka (Osaka University, Japan)

Car Navigation User Interface Based on a Smartphone

Takatomo Yamabe (Kanagawa Institute of Technology, Japan); Shota Ikegami (Kanagawa Institute of Technology, Japan); Arata Ishizaki (Kanagawa Institute of Technology, Japan); Shinji Kitagami (Misubishi Electric Corp., Japan); Ryozo Kiyohara (Kanagawa Institute of Technology, Japan)

Experimental Implementation of Drifting Wireless Sensor Networks Which Have Intermittent Connectivity to Access Points for Sewer Inspection

Hiroshi Maegawa (Shizuoka University, Japan); Susumu Ishihara (Shizuoka University, Japan)

Experimental Evaluation of the Effects with Backtrack Search and Notification Messages in the Node-disjoint Multipath Scheme for Secure Dispersed Data Transfer Method

Takahide Uemori (Hiroshima City University, Japan); Eitaro Kohno (Hiroshima City University, Japan); Yoshiaki Kakuda (Hiroshima City University, Japan)

Implementation of WiFi/Bluetooth-based Smart Narrow Field Communication

Yutaka Arakawa (Nara Institute of Science and Technology & NAIST, Japan); Yuki Sonoda (Kyushu University, Japan); Koki Tomishige (Kyushu University, Japan); Shigeaki Tagashira (Kansai University, Japan); Akira Fukuda (Kyushu University, Japan)

Logging All the Touch Operations on Android

Yuko Hirabe (Nara Institute of Science and Technology (NAIST), Japan); Yutaka Arakawa (Nara Institute of Science and Technology & NAIST, Japan); Keiichi Yasumoto (Nara Institute of Science and Technology, Japan)

Destination Prediction Considering Both Tweet Contents and Location Transition History

Takuya Shinmura (The Universiy of Tokyo, Japan); Yusuke Fukazawa (NTT DOCOMO, Inc., Japan); Dandan Zhu (The University of Tokyo, Japan); Jun Ota (The University of Tokyo, Japan)

Reducing Collisions of a TCP Stream on Multi-Hop Wireless Networks

Teruaki Kitasuka (Kumamoto University, Japan); Fumihiro Nakahara (Kumamoto University, Japan); Yuki Manabe (Kumamoto University, Japan); Masayoshi Aritsugi (Kumamoto University, Japan)

Robust QoS Scheduling Using Alternate Path for Recovery From Link Failure in IEEE 802.15.4e

Hyuk Wu (Korea Aerospace University, Korea); Dong-Jun Lee (Korea Aerospace University, Korea)

Location-aware Contents Distribution Platform Based on Probe Vehicle Systems

Masaaki Sato (National University of SIngapore, Japan); Kazunori Sugiura (Keio University, Japan)

Investigation of the Routing Method Based on the Number of Neighbor Nodes

Kentaro Aburada (Oita National College of Technology, Japan); Mirang Park (Kanagawa Institute of Technology, Japan); Naonobu Okazaki (University of Miyazaki, Japan)

9:30 AM – 10:30 AM

Keynote 2

TBD

10:30 AM – 11:00 AM

Coffee Break

11:00 AM – 12:20 PM

Localization and Location Context

Companion Context Dependent Topic Modeling
Yusuke Fukazawa (NTT DOCOMO, Inc., Japan); Jun Ota (The University of Tokyo, Japan)

Proposal for a Wireless Sensor Network Visualization System Using Location Estimation Technology
Yukihiro Kanamaru (Meijo University, Japan); Hidekazu Suzuki (Meijo University, Japan); Kensaku Asahi (Meijo University, Japan); Akira Watanabe (Meijo University, Japan)

DECL: A Circular Inference Method for Indoor Pedestrian Localization Using Phone Inertial Sensors
Congwei Dang (The University of Tokyo & Institute of Industrial Science, Japan); Kaoru Sezaki (University of Tokyo, Japan); Masayuki Iwai (Tokyo Denki University & School of Science and Technology for Future Life, Japan)

Proposal of a Platform Integrating POI Information
Shinji Ichien (Nagoya University, Japan); Katsuhiko Kaji (Nagoya University, Japan); Nobuo Kawaguchi (Nagoya University, Japan)

12:20 PM – 1:30 PM

Lunch

1:30 PM – 2:40 PM

Panel: Urban Computing: Emerging Research Fields and Challenges

Yutaka Akarawa (NAIST, Japan)
Mun Choon CHAN (National University of Singapore, Singapore)
Nobuo Kawaguchi (Nagoya University, Japan)
LIM Hock Beng (Nangyang Technological University, Singapore)

2:40 PM – 3:10 PM

Coffee Break

3:10 PM – 4:30 PM

Ad Hoc Networks and DTN

Improvement of Energy Consumption and Detection Power for PVFS in Wireless

Sensor Networks
    Su Man Nam (Sungkyunkwan University, Korea); Tae Ho Cho (Sungkyunkwan University, Korea)

Data Collection Method Using Two Types of Forwarding Nodes for Energy Saving in Triage Network
    Takuya Okamoto (Keio University, Japan); Hiroshi Shigeno (Keio University, Japan)

Adaptive Delay-based Geocast Protocol for Data Dissemination in Urban VANET
    Ryosuke Akamatsu (Keio University, Japan); Masaki Suzuki (Keio University, Japan); Takuya Okamoto (Keio University, Japan); Koichiro Hara (Keio University, Japan); Hiroshi Shigeno (Keio University, Japan)

Content-Based Data Prioritization for Fast Disaster Images Collection in Delay Tolerant Network
    Jovilyn Therese B Fajardo (Nara Institute of Science and Technology, Japan); Keiichi Yasumoto (Nara Institute of Science and Technology, Japan); Minoru Ito (Nara Institute of Science and Technology, Japan)

4:30 PM - 9:00 PM

Excursion and Gala Dinner

Wednesday, January 8

9:30 AM - 10:50 AM

Urban Sensing

The Impact of Remote Sensing on the Everyday Lives of Mobile Users in Urban Areas
    Andreas Kamilaris (University of Cyprus, Cyprus); Andreas Pitsillides (University of Cyprus, Cyprus)

Estimation of User's Activity from Tweets through Tri-Layer Clustering Model
    Dandan Zhu (The University of Tokyo, Japan); Yusuke Fukazawa (NTT DOCOMO, Inc., Japan); Jun Ota (The University of Tokyo, Japan)

A Method for Summarizing and Visualizing City Traffic Data
    Natsumi Hayashi (Future University Hakodate, Japan); Yoh Shiraisi (Future University Hakodate, Spain)

RasteyRishtey: A Social Incentive System to Crowdsource Road Traffic Information In Developing Regions
    Rijurekha Sen (Singapore Management University, India)

10:50 AM - 11:10 AM

Coffee Break

11:10 AM - 12:30 PM

Multihop Wireless and Sensor Networks

Prediction of the Appearance of Monkeys Based on Weather Data and Wireless Sensing Network
    Kazufumi Nakai (Shizuoka University, Japan); Akihiko Sugiura (Shizuoka University, Japan); Nobuo Ezaki (Toba National College of Maritime Technology, Japan)

Researches and Evaluation of Strong Busy Tone that Improves the Performance of Ad-hoc Networks
    Tomohiro Ito (Meijo University, Japan); Kensaku Asahi (Meijo University, Japan); Hidekazu Suzuki (Meijo University, Japan); Akira Watanabe (Meijo University,

Japan)

An Implementation and Evaluation of a Selective QoS-aware Mobile Multicasting on Multiple Wireless Networks
  Kondo Tohru (Hiroshima University, Japan); Akiyuki Yokoyama (Hiroshima City University, Japan); Kaori Maeda (Hiroshima City University, Japan)

Multi-view Video Live Streaming for Multiple Users under Hybrid Multicast-Unicast Scheme
  Takuya Fujihashi (Osaka University, Japan); Ziyuan Pan (Shizuoka University, Japan); Shunsuke Saruwatari (Shizuoka University, Japan); Takashi Watanabe (Osaka University, Japan)

12:30 PM - 12:40 PM

Closing