CASPer'18: CASPer'18 - 5th International Workshop on Crowd Assisted Sensing, Pervasive Systems and Communications - Program

Welcome and Committees

Friday, March 23

9:00 - 10:00 am CASPer-S1: Keynote
10:00 - 10:30 am

10:30 am - 12:00 pm CASPer-S2: Technical Session 1: Applications
12:00 - 1:15 pm
1:15 - 2:45 pm CASPer-S3: Technical Session 2: Algorithms, Incentives and Evaluations

Friday, March 23 9:00 - 10:00

CASPer-S1: Keynote

Immersive Human-data Interaction with Mobile Augmented Reality
Prof. Pan Hui, University of Helsinki and Hong Kong University of Science and Technology
Chair: Salil S Kanhere (The University of New South Wales, Australia)

Friday, March 23 10:30 - 12:00

CASPer-S2: Technical Session 1: Applications

Chair: Radu-Ioan Ciobanu (University Politehnica of Bucharest, Romania)

CrODA-gator: An Open Access CrowdSourcing Platform as a Service
Michalis Masallas, Andreas Konstantinidis, Achilleas Achilleos and Christos Markides (Frederick University); George Angelos Papadopoulos (University of Cyprus, Cyprus)

This Place is Swarming: Using a Mobile Social App to Study Human Traffic in Cities
Hao Zhao, Qingyuan Gong, Yang Chen and Jingrong Chen (Fudan University, P.R. China); Yong Li (Tsinghua University, P.R. China); Xiaoming Fu (University of Goettingen, Germany)

Allergymap: A Hybrid mHealth Mobile Crowdsensing System for Allergic Diseases Epidemiology
Pantelis Tzamalis (Computer Technology Institute and University of Patras, Greece); Sotiris E. Nikoletseas (University of Patras and Computer Technology Institute, Greece); Nikos Papadopoulos (Allergy Dpt, 2nd Pediatric Clinic, University of Athens, Greece); Lampros Kalogiros (Dpt of Allergology and Clinical Immunology, General Military Hospital, Athens, Greece); Kostas Lagouvardos (National Observatory of Athens, Institute for Environmental Research, Greece)
ParkForU: A Dynamic Parking-Matching and Price-Regulator Crowdsourcing Algorithm for Mobile Applications
Ellen Mitsopoulou and Vana Kalogera (Athens University of Economics and Business, Greece)

Friday, March 23 1:15 - 2:45

CASper-S3: Technical Session 2: Algorithms, Incentives and Evaluations
Chair: Vana Kalogeraki (Athens University of Economics and Business, Greece)
A Study of the Detection of Pedestrian Flow Using Bluetooth Low Energy
Tomoya Kitzazato and Masaki Ito (The University of Tokyo, Japan); Kaoru Sezaki (University of Tokyo, Japan)

Reaching Consensus in Opportunistic Networks
Radu Dragan, Radu-Ioan Ciobanu and Ciprian Dobre (University Politehnica of Bucharest, Romania)

Introducing a flexible rewarding platform for mobile crowd-sensing applications
Lorenz C Klopfenstein, Saverio Delpiori, Alessandro Aldini and Alessandro Bogliolo (University of Urbino, Italy)

Performance Evaluation of Mobile Crowdsensing for Event Detection
Matthias Hirth and Stanislav Lange (University of Wuerzburg, Germany); Michael Seufert (AIT Austrian Institute of Technology GmbH, Austria); Phuoc Tran-Gia (University of Wuerzburg, Germany)