The Internet of Things (IoT) has recently gained great attention from both academia and industry. Among the key enablers of IoT, smart vehicles have been promising solutions for providing on-road communication and ubiquitous information services. The real value of vehicular resources is much realized when translated into information services that put these resources into action. Expanding the smart vehicle-based services/applications beyond the intelligent transportation services requires research and development efforts to explore new service scopes, create innovative system architectures, and design enabling technologies. Enabling pervasive and diversified vehicular service provisioning in the IoT era entails synergizing several related technologies such as distributed cloud and fog computing, networking infrastructures, crowdsourcing, public sensing, information-centric networking, privacy and security techniques.

This workshop is designed to highlight the ongoing efforts towards vehicular service provisioning and related technology blend. The workshop also addresses issues that arise when dealing with smart vehicles such as resource and service discovery, data communication and delivery, quality of information assessment, resource recruitment, and incentive modelling.

General Chairs:
Sherin Abdelhamid, Queen’s University, Canada
Khalid Elgazzar, University of Louisiana at Lafayette, USA

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Ayman Abdel-Hamid, Arab Academy for Science, Technology, and Maritime Transport
Ala Abu Alkheir, University of Ottawa
Eslam AbdAllah, Queen's University
Michael W Totaro, University of Louisiana

Program
Sunday, 24 September 2017 14:00-14:40
Keynote
Adapting LTE/LTE-A to Vehicular M2M Communications
Jelena Misic, Ryerson University

Sunday, 24 September 2017 14:40-15:30
Session I
1 Performance Evaluation of Multicast Video Distribution with User Cooperation in LTE-A Vehicular Environments
Jayashree Thota, Berna Buhat, Angela Doufexi, Simon Armour, University of Bristol
2 Connecting the Autonomous: A Distributed Game Theory Approach for VANET Connectivity
Marina Wagdy, Ahmad Mostafa, Ahmed Hamad, The British University in Egypt

Sunday, 24 September 2017 16:00-17:30
Session II
1 Joint Subjective and Objective Data Capture and Analytics for Automotive Applications
Mathias Johanson, Jonas Jalminger, Alkit Communications AB; Emmanuel Frécon, RISE SICS; Boel Nelson, Tomas Olovsson, Chalmers University of Technology; Mats Gjertz, Volvo Car Corporation
2 VehiCache: Vehicle Updates via Mobile Phones
Nadav Lavi, Tal Philosof, General Motors; Moshe Laifenfeld, SpaceGate
3 A Priority Algorithm to Control the Traffic Signal for Emergency Vehicles
Md Asaduzzaman, Krishnamurthy Vidyasankar, Memorial University of Newfoundland