5th IEEE International Workshop on Performance and Management of Wireless and Mobile Networks (P2MNET) Program

- **8:30 am – 10:00 am**

Session 1: Performance Evaluation of Ubiquitous Networks

Session Chair: Azzedine Boukerche (Univ. of Ottawa, Canada).

Load balancing in distributed communication systems: performance evaluation with SWN models.
Mbaye Sene (Univ. Cheikh Anta Diop, SN); Diagne Serigne (Univ. de Ziguinchor, SN); Lynda Mokdad (Univ. of Dauphine-Paris, FR).

Using a Low-Cost Wireless Accelerometer to Improve Radiation Oncology.
Farid Farahmand (Sonoma State Univ., US); K. Khadivi (Austin Cancer Center, US); Joel Rodrigues (Univ. of Beira Interior, PT).

A Cross Layer Framework to Mitigate a Joint MAC and Routing Attack in Multihop Wireless Networks.
Soufiene Djahel (Univ. of Lille, FR); Farid Naït-Abdesselam (Univ. of Lille, FR); Ashfaq Khokhar (Univ. of Illinois at Chicago, US)

- **10:00 am – 10:30 pm —— Coffee-Break**

- **10:30 am – 12:00 pm**

Session 2: Performance Evaluation of Mobile Ad Hoc Networks

Session Chair: Lynda Mokdad (Univ. of Dauphine-Paris, France)

Connection Degree-based Message Delivery Scheme for Improving Service Discovery in Mobile Ad-Hoc Networks.
Eunyoung Kang (Sungkyunkwan Univ., KR).

A multi-hypothesis particle filter for indoor dynamic localization.
Begumhan Turgut (Rutgers Univ., US); Richard Martin (Rutgers Univ., US).

Fast and Seamless Handover for Secure Mobile Industrial Applications with 802.11r.
Ahmad Ali Tabassam (InIT - Institute Industrial IT, OWL – Univ. of Applied Sciences, DE); Henning Trsek (inIT, DE); Stefan Heiss (InIT, OWL, DE); Juergen Jasperneite (inIT, DE).

Defending Method Against Jamming Attack in Wireless Ad Hoc Networks.
ALI Hamieh (Univ. of Versailles, FR)

- **12:00 pm – 1:30 pm —— Lunch Break**

- **1:30 pm – 3:00 pm**

Session 3: Performance of Wireless Sensor Networks

Session Chair: Jalel Ben-othman (Univ. de Versailles, France)

A Distributed Power Management Optimization in Wireless Sensor networks.
Hacene Fouchal (Univ. des Antilles et de la Guyane, FR); Philippe Hunel (Univ. of Antilles Guyane, FR).

Topology-aware Transmission Scheduling for Highway Wireless Sensor Networks.
Kuang-Ching Wang (Clemson Univ., US); Devang Bagaria (Clemson Univ., US).

Location-aided Gateway Advertisement and Discovery Protocol for VANets: Proof of Correctness.
Kaouther Abrougui (SITE, Univ. of Ottawa, CA); Richard Pazzi (Univ. of Ottawa, CA); Azzedine Boukerche (Univ. of Ottawa, CA)

- **3:00 am – 3:30 pm —— Coffee-Break**

- **3:30 pm – 5:00 pm**

Session 4: Performance Evaluation of Mesh Networks

Session Chair: Samer Samarah (Univ. of Ottawa, Canada)

Link-weighted and Distance-constrained Channel Assignment in Single-radio Wireless Mesh Networks.
Junfeng Jin (Unive. of Science and Technology of China, CN); Baohua Zhao (Univ. of Science and Technology of China, CN).

Voice Call Quality Using 802.11e On A Wireless Mesh Network.
David Van Geyn (Queen's Univ., CA); Hossam Hassanein (Queen's Univ., CA); Samy El-hennawey (Carleton Univ., CA).

Design and Implementation of Scalable IMS Charging Systems.
Vitalis Ozianyi (Univ. of Cape Town, ZA); Neco Ventura (Univ. of Cape Town, ZA)