

# **2019 8th International Conference on Performance Evaluation and Modeling in Wired and Wireless Networks (PEMWN 2019)**

**Paris, France  
26 – 28 November 2019**



**IEEE Catalog Number: CFP19G44-POD  
ISBN: 978-1-7281-2587-9**

**Copyright © 2019, International Federation for Information Processing  
All Rights Reserved**

***\*\*\* This is a print representation of what appears in the IEEE Digital Library. Some format issues inherent in the e-media version may also appear in this print version.***

IEEE Catalog Number:	CFP19G44-POD
ISBN (Print-On-Demand):	978-1-7281-2587-9
ISBN (Online):	978-3-903176-25-6

**Additional Copies of This Publication Are Available From:**

Curran Associates, Inc  
57 Morehouse Lane  
Red Hook, NY 12571 USA  
Phone: (845) 758-0400  
Fax: (845) 758-2633  
E-mail: [curran@proceedings.com](mailto:curran@proceedings.com)  
Web: [www.proceedings.com](http://www.proceedings.com)

CURRAN ASSOCIATES INC.  
**proceedings**  
.com

## TABLE OF CONTENTS

**Invited paper:** Interference Study of Coexisting IEEE 802.11 and 802.15.4 Networks

Spatial Coexistence of Cooperative Radar and Communication Systems

Spectral Efficiency of Massive MIMO FD Relay-Aided D2D and Cellular in HetNets with Imperfect CSI

Modeling and Improving Named Data Networking over IEEE 802.15.4

Modeling Dynamic Resource Allocation in the Edge

Wireless Link Quality Prediction in IoT Networks

Neural Network-based Available Bandwidth Estimation from TCP Sender-side Measurements

Self-Organizing Maps Applied to Soil Conservation in Mediterranean Olive Groves

Event Aggregation for Smartphone-based Road-Anomaly Detection

A solution to the split & merge problem for blockchain-based applications in ad hoc networks

**Invited paper:** Power Consumption Comparison of Synchronized IoT Devices Running FreeRTOS and RIOT (invited paper)

Performance Evaluation of Neighbor Discovery Algorithms in a Star WSN: Switched beam antenna vs omnidirectional antenna at the Sink

Securing Vehicular Platooning Against Vehicle Platooning Disruption (VPD) Attacks