

# IWCMC 2019

## The 15<sup>th</sup> — International Wireless Communications & Mobile Computing Conference — 2019

<http://iwcmc.org/2019>

---

### Submission Link:

<https://edas.info/newPaper.php?c=24841>

**June 24-28, 2019**

**Tangier, Morocco**

**Technically sponsored by: IEEE Moroccan Section (Pending)**

**Local sponsor: Mohammed V University of Rabat, Morocco**

## CALL FOR PAPERS

---

### "Connectivity for Internet of Things"

The International Wireless Communications and Mobile Computing Conference (**IWCMC 2019**) will be held on **June 24-28, 2019**. Under the theme of "**Connectivity for the Internet of Things**" **IWCMC 2019** will target a wide spectrum of the state-of-the-art as well as emerging topics pertaining to wireless networks, wireless communications, and mobile computing. Continuing the great success of previous IWCM events, **IWCMC 2019** is anticipated to attract a large number of high-quality submissions and stimulate the cutting-edge research discussions among many academic pioneering researchers/scientists and industrial engineers/leaders from all around the world.

The **IWCMC 2019** program will feature a number of symposia, workshops, invited presentations, special sessions, and pioneering keynote speakers. More information can be found at the conference website: <http://iwcmc.org/2019>. Prospective authors are invited to submit original technical papers —up to 6 pages of length, using the EDAS link: <https://edas.info/newPaper.php?c=24841> to various **IWCMC 2019** Symposia and Workshops as listed in the conference website for possible publication in the **IWCMC 2019** Conference Proceedings, which will be submitted to the IEEE Xplore Digital Library (pending). Selected papers will be further considered for possible publication in five special issues in the following Journals:

1. *International Journal of Sensor Networks (IJSNet)*
2. *The International Journal of Autonomous and Adaptive Communications Systems (IJAAACS)*
3. *KSII Transactions on Internet and Information Systems*
4. *Peer-to-Peer Networking & Applications*
5. *Cyber-Physical Systems journal*

There will also be best paper awards, one best symposium award, and one best Workshop award.

# Important Dates

---

- Paper Submission Deadline: 10 January 2019
- Paper Acceptance Notification: 30 March 2019
- Camera-ready Paper Submissions: 30 April 2019
- Registration Deadline for Authors: 30 April 2019

## Organizing Committee

---

### **Honorary General Chair:**

Said Amzazi, Minister of Higher Education, Morocco

### **General Chairs:**

Mario Gerla, University of California-Los Angeles, California, USA

Mohammed Essaaidi, Director of ENSIAS, Mohammed V University of Rabat, Morocco

### **General Co-Chairs:**

Geoffrey Ye Li, Georgia Institute of Technology, USA

### **Honorary Program Chair:**

Mounir Ghogho, International University of Rabat, Morocco

### **Program Chairs:**

Abdellatif Kobbane, ENSIAS, Mohammed V University of Rabat, Morocco

Tomohiko Taniguchi, Fujitsu Laboratories Limited, Japan

Mohsen Guizani, University of Idaho, USA

### **Local Organization Chairs:**

Abdellatif Kobbane, ENSIAS, Mohammed V University of Rabat, Morocco

Mohamed El Kamili, Faculty of Sciences, University Sidi Mohammed Ben Abdellah, Morocco

Essaid Sabir, ENSEM, Casablanca, Morocco

Khalil Ibrahim, Faculty of Sciences, Kenitra, Morocco

Mohamed Bouhorma, FST, University Abdelmalk Essaadi, Tangier

Ismail Berrada, Faculty of Sciences Fez, Morocco

### **Publicity Co-Chairs:**

Mustapha Benjillali, INPT, Morocco

Jun Cai, University of Manitoba, Canada

### **Publication and Registration Co-Chairs:**

Abderrezak Rachedi, University of Paris-Est (Marne-la-Vallée), FR

Mohsen Guizani, University of Idaho, USA

# Symposia

---

## 1) Advances in 5G Communications

### Chairs:

- Mahdi Ben Ghorbel, University of British Columbia (UBC), Canada
- Wael Guibene, Intel Labs, USA
- Kamel Tourki, France Research Center, Huawei Technologies, France

## 2) Big Data Networking Symposium

### Chairs:

- Harold Liu (symposium leading chair), Beijing Institute of Technology, China
- Qi Zhang, Aarhus University, Denmark
- Yong Li, Tsinghua University, China
- Giancarlo Fortino, University of Calabria, Italy
- Jiafu Wan, South China University, China
- Yin Zhang, Zhongnan University of Economics and Law, China
- Jiaqi Gong, University of Maryland, Baltimore County, USA
- Min Chen, Huazhong University of Science and Technology, China
- Iztok Humar, University of Ljubljana, Slovenia

## 3) Communication and Signal Processing Symposium

### Chairs:

- Daniel Benevides da Costa, Federal University of Ceará (UFC), Brazil
- Rodolfo Oliveira, NOVA University of Lisbon, Portugal

## 4) e-Health Symposium

### Honorary Chair:

- Joel J. P. C. Rodrigues, National institute of Telecommunications (Inatel), Brazil

### Chairs:

- Augusto Venâncio Neto, Universidade Federal do Rio Grande do Norte, Brazil
- Kashif Saleem, Center of Excellence in Information Assurance (CoEIA), King Saud University, Saudi Arabia
- Chunsheng Zhu, The University of British Columbia, Canada

## 5) Internet of Things (IoT) Symposium

### Chairs:

- Shun-Ren Yang, National Tsing Hua University, Taiwan
- Phone Lin, National Taiwan University, Taiwan

### Co-Chair:

- Ejaz Ahmed, NIST, Gaithersburg, MD, USA

## 6) Mobile Computing Symposium

### Chairs:

- Tamer Nadeem, Old Dominion University, USA
- Periklis Chatzimisios, Alexander Technological Educational Institute of Thessaloniki, GR

## 7) Multimedia Over Wireless Symposium

### Chairs:

- Liang Zhou, Nanjing University of Posts and Telecom., Nanjing, China
- Honggang Wang, University of Massachusetts Dartmouth, USA
- Changxiao Xu, Beijing University of Posts and Telecomm., China
- Han Hu, Nanyang Technological University, Singapore
  
- Dapeng Wu, Chongqing University of Posts and Telecom., China

## **8) Next Generation Networks Symposium**

### **Chairs:**

- Sameh Sorour, University of Idaho, USA
- Neda Aboutorab, University of New South Wales, Australia
- Ahmed Hussein, Manhattan College, USA
- Mohamed Hefeida, University of Idaho, USA
- Petros Spachos, University of Guelph, Canada

## **9) Satellite Communications and Networking Symposium**

### **Chairs:**

- Chunxiao Jiang, Tsinghua University, China
- Haipeng Yao, Beijing University of Posts and Telecommunications, China
- Xiaoyan Pei, China Unicom, China

## **10) Security, Trust and Privacy Symposium**

### **Chairs:**

- Yuli Yang, University of Chester, UK
- Peter Mueller, IBM Zurich Research Laboratory, Switzerland
- Lei Chen, Georgia Southern University, USA

## **11) Smart Cities and Connected communities Symposium**

### **Chairs:**

- Abdallah Khreishah, New Jersey Institute of Technology, USA
- Ala Al-Fuqaha, Western Michigan University, USA
- Bharat Bhargava, Purdue University, USA
- Sejun Song, University of Missouri-Kansas City, USA

## **12) Vehicular Communications Symposium**

### **Chair:**

- Sherman Shen, University of Waterloo, Canada

### **Co-Chairs:**

- Hai Jiang, University of Alberta, Canada
- Ping Wang, Nanyang Technological University, Singapore
- Dongmei Zhao, McMaster University, Canada

## **13) Wireless Networking Symposium**

### **Chairs:**

- Jalel Ben-Othman, University of Paris 13, France
- Cheng Li, Memorial University of Newfoundland, Canada
- Shuai Han, Communications Research Center, Harbin Institute of Technology, China

### **Co-Chairs:**

- Xiaohu Ge, Huazhong University of Science and Technology, China
- Luca Foschini, DEIS-LIA, University of Bologna, Italy
- Mohammed Boulmalf, International University of Rabat, Morocco

### **Publicity Chair:**

- HyunBum Kim, University of North Carolina at Wilmington, USA

## **14) Wireless Sensor Networks Symposium**

### **Chairs:**

- Nidal Nasser, Alfaisal University, Saudi Arabia
- Tomohiko Taniguchi, Fujitsu Laboratories Limited, Japan
- Muhammad Imran, King Saud University, Saudi Arabia

- Ali DZINI, CNAM Paris, France
- Mohamed ElKotbi, ENSIAS, Mohammed V University of Rabat, Morocco

## 15) Wireless Optical Networks (WON) Symposium

### Honorary Chair:

- Robert Schober, Friedrich Alexander University, Germany

### Chairs:

- Anas Chaaban, University of British Columbia, Canada
- Rong Zhang, University of Southampton, UK
- Imran Ansari, Texas A&M University Qatar, Qatar
- Hany Elgala, State University of New York at Albany, USA
- Murat Uyssal, Özyeğin University, Turkey

## Workshops

---

### 1) Advances in Industrial Networks and Intelligent Systems (AINIS)

#### Chair:

- Lei Shu, Guangdong University of Petrochemical Technology, China

#### Co-Chairs:

- Kun Wang, Nanjing University of Posts and Telecommunications, China
- Leandros A. Maglaras, De Montfort University, UK
- Muhammad Alam, Instituto de Telecomunicações, Aveiro, Portugal
- Mohamed Amine Ferrag, Guelma University, Algeria

### 2) Cloud Computing and Mobile Applications

#### Chairs:

- Soumaya Cherkaoui, University of Sherbrook, Canada

### 3) Data Analytics for Cyber Security Workshop

#### Chairs:

- Wojciech Mazurczyk, Warsaw University of Technology, Poland
- Elias Bou-Harb, Florida Atlantic University, USA
- Mark Scanlon, University College Dublin, Ireland
- Chadi Assi, Concordia University, Canada
- Martin Husák, Masaryk University, Czech Republic
- Nasir Ghani, University of South Florida, USA
- George Kaddoum, École de Technologie Supérieure, Canada

### 4) Enabling 5G to support Vertical Industries

#### Chairs:

- Muhammad Ali Imran, University of Glasgow, UK
- Muhammad Zeeshan Shakir, University of the West of Scotland, UK
- Qammer H. Abbasi, University of Glasgow, UK
- Junaid Qadir, Information Technology University (ITU), Pakistan
- Fang Yang, University of Electronic Science and Technology of China, China

### 5) Energy Efficient Networking, Platforms, Systems and Protocols for WSNs an IoT

#### Chairs:

- Adel Ben Mnaouer, Canadian University Dubai, UAE
- Farid Touati, Qatar University, Qatar
- Damiano Crescini, University of Brescia, Italy
- Karl Anderson, Luleå University of Technology, Sweden
- Ons Bouachir, Canadian University Dubai, UAE

- Lamia Fourati Chaari, Sfax University, Tunisia

## **6) QoS and QoE in Wireless Communications/Networks**

### **Chair:**

- Abderrezak Rachedi, University Paris-Est, France

### **Co-Chair:**

- Lyes Khoukhi, University of Technology of Troyes-UTT, France

## **7) Resilient & Intelligent Emergency Systems & Communication Networks (RISCN) Workshop**

### **Chairs:**

- Song Guo, The Hong Kong Polytechnic University, Hong Kong
- Lei Zhong, Huawei Technologies, Japan
- Junbo Wang, University of Aizu, Japan
- Celimuge Wu, University of Electro-Communications, Japan

## **8) Smart Infrastructures for Crowd Management (SICM) Workshop**

### **Chairs:**

- Hossam Hassanein, Queens' University, Canada
- Nizar Zorba, Qatar University, Qatar

## **9) Theory and Applications for Environmental Issues Using Wireless Sensor Networks Workshop**

### **Chairs:**

- Lynda Mokdad, University of Paris-Est, France
- Hacène Fouchal, University of Reims Champagne-Ardenne, France

## **10) Recent Advances in 5G IoT and Smart City Solutions Workshop**

### **Chairs:**

- Bo Rong, Communications Research Centre Canada
- Xianzhong Xie, Chongqing University of Post and Telecommunications, China
- Rongke Liu, Beihang University, China
- Xuesong Qiu, Beijing University of Posts and Telecommunications, China
- Michel Kadoch, École de Technologie Supérieure, University of Quebec, Montreal, Canada.

## **11) Machine Learning for Next Generation Systems and Networks Workshop**

### **Chairs:**

- Abderrahim Sekkaki, University HASSAN II of Casablanca, Morocco
- Carlos Becker Westphall, Federal University of Santa Catarina, Brazil
- Mohamed LAHBY, University HASSAN II of Casablanca, Morocco
- Tarek BEJAOU, University of Carthage, Tunisia

## **12) Artificial Intelligence for Future Intelligent Internet of Things (AI-IoT) Workshop**

### **Chairs:**

- Yousaf Bin Zikria, Yeungnam University, South Korea
- Sung Won Kim, Yeungnam University, South Korea
- Muhammad Khalil Afzal, COMSATS University, Islamabad, Wah Campus, Pakistan
- Andrea Marin, University Ca' Foscari Venezia, Italy
- Mohsen Guizani, Qatar University, Qatar

## **13) Digital Investigation & Information Assurance Techniques (DIAT) Workshop**

### **Chair:**

- Haider Abbas, National University of Sciences and Technology (NUST), Pakistan

**Co-Chairs:**

- Mariagrazia Fugini Politecnico di Milano, Italy
- Md Zakirul Alam Bhuiyan, Fordham University, NY, USA
- Seong Oun Hwang, Hongik University, Sejong, Korea
- Raheel Nawaz, Manchester Metropolitan University, UK
- Farrukh Aslam Khan, King Saud University, KSA