



## Second International Workshop on Cooperative Wireless Networks (IEEE WiMob – CWN '15)

CWN 2015 will take place in Abu Dhabi, UAE on October 19, 2015, collocated with the 11th IEEE International Conference on Wireless and Mobile Computing, Networking and Communications ([WiMob 2015](#)).

The aim of this workshop is to provide a space for researchers and technologists to present new ideas and contributions in cooperative wireless networks, a key element for the advance of the Future Internet. The concept of cooperation can be applied to a wide scope of technologies, systems and applications, in order to achieve an efficient use of the spectrum (cognitive radio), extended network coverage (cooperative diversity, multi-hop relaying), improved performance and reliability (network coding, cross-layer protocols) and user safety (vehicular networks, emergency networks), among other aspects.

The organizers of this workshop invite prospective authors to submit high-quality technical papers addressing, but not limited to, the following topics of interest:

- Dynamic resource allocation in wireless cooperative networks
- Cross-layer management and protocols for cooperative networks
- Cross-layer design and optimization for cooperative networks
- Control and management in cooperative networks
- Network coding in cooperative networks
- Cognitive radio and spectrum management
- Cooperative communications: multi-hop and hierarchical relaying
- Cooperative diversity
- Information theory aspects of cooperation
- Power management in wireless cooperative networks
- Cooperative compensation policies
- Multimedia transmission in cooperative networks
- Cooperation in 5G networks
- Cooperation in software defined networks
- Cooperation in Wireless Sensor Networks
- Cooperation in Vehicular Wireless Networks
- Performance analysis in cooperative networks
- Applications and services over cooperative networks
- Test-beds and experimentation on cooperative networks

### DATES

- Submission Deadline: ~~June 30, 2015~~ July 18, 2015
- Notification of Acceptance: July 31, 2015
- Camera Ready: September 1, 2015

### SUBMISSION GUIDELINES

All accepted papers will be published in the conference proceedings, and will be submitted for inclusion in IEEE Digital Xplore. Authors are required to submit fully formatted papers (PDF), with graphs, images, and other special areas arranged as intended for the final publication. Papers should be written in English conforming to the IEEE standard conference format (8.5" x 11" - US letter, Two-Column). The final manuscript for publication will be limited to 8 IEEE pages (minimum 10-point font). All submissions must be made through [EDAS](#).

You can have more information in the "[Author guidelines](#)" section in the conference website.



#### **WORKSHOP CHAIRS**

- Cristina López Bravo, Universidade de Vigo, Spain
- Beatriz Lorenzo, Atlantic Research Center for Information and Communication Technologies, Universidade de Vigo, Spain
- Felipe García Sánchez, Universidad Politécnica de Cartagena, Spain
- Antonio Javier García Sánchez, Universidad Politécnica de Cartagena, Spain

#### **TECHNICAL PROGRAM COMMITTEE**

- Felipe Gil Castiñeira, Universidade de Vigo, Spain
- Laurent Franck, Telecom Bretagne, France
- Juan Carlos Burguillo Rial, Universidade de Vigo, Spain
- Felipe Gómez Cuba, Universidade de Vigo, Spain
- Rafael Asorey CACHEDA, Centro Universitario de la Defensa, Marín, Spain
- Hong Huang, New Mexico State University, USA
- Francisco Javier González Castaño, Universidade de Vigo, Spain
- Pekka Pirinen, Centre for Wireless Communications, University of Oulu, Finland
- Evangelos Papapetrou, University of Ioannina, Greece
- Usama Mohamad, University of Kassel, Germany
- Elias Yaacoub, IEEE Senior Member, Lebanon
- Paolo Giaccone, Politecnico di Torino, Italy
- Claudio Rossi, Istituto Superiore Mario Boella, Italy
- Esteban Egea López, Universidad Politécnica de Cartagena, Spain
- Juan José Alcaraz Espín, Universidad Politécnica de Cartagena, Spain
- David Rodenas Herraiz, Computer Laboratory, University of Cambridge, UK
- Juan Bautista Tomás Gabarrón, CEO MultiDub, Spain
- Pawel Kulakowski, AGH University of Science and Technology, Poland
- Carlo Giannelli, University of Bologna, Italy
- Ved P. Kafle, National Institute of Information and Communications Technology (NICT), Japan
- Jose Miguel Villalón Millán, University of Castilla-La Mancha, Spain
- Usman Raza, University of Trento, Italy
- Javed Iqbal, Sarhad University of Science & Information Technology, KPK Pakistan
- S. K. Agrawal, Delhi Technological University, India
- Praneeth Vepakomma, Motorola Solutions, USA

#### **FOR MORE INFORMATION**

<http://cwn2015.uvigo.es/>