



## WINCOM'20 COMMITTEE

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### Local organizing committee

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IEEE Conference Record Number #50532

## CALL FOR PAPERS

The international conference on wireless networks and mobile communications (WINCOM'20) will be held in the city of coronations of France, Reims, on October 27-29, 2020. WINCOM'20 aims at examining the various challenges in the areas of wireless networks & mobile communications. The conference will provide a forum for exchanging ideas, discussing solutions, and sharing experiences among researchers and professionals from both academia and industry interested in wireless networks and mobile communications. WINCOM has been organized for the last seven years. The past edition was organized in the imperial city and scientific capital of Morocco, Fez, on October 29 to November 01, 2019. WINCOM'20 solicits papers in all areas of wireless communication networks. The instructions for authors will be posted on the conference website [www.wincom-conf.org](http://www.wincom-conf.org).

## TOPICS OF INTEREST

Topics of interest include, but are not limited to:

- Wireless mobile communication networks
- Machine Learning and AI for mobile networking
- Connected and Autonomous vehicle
- SDN and NFV
- Ultra-wideband communications and applications
- Smart-home, smart-grid, smart-vehicle, and smart-city
- Internet of things (applications, protocols and architectures)
- Cooperative/non-cooperative communications
- Game theory applied to networking problems
- Modeling and performance evaluation
- Energy efficient communications and green networking
- Physical layer design and Signal processing
- Channel capacity estimation, modeling and equalization
- Resource management, allocation and scheduling
- Smart antennas: MIMO, Massive MIMO and beamforming
- Cross-layer design involving MAC layer
- Routing and QoS provisioning
- Multihop communications: Ad hoc, WSN, VANET
- P2P services for multimedia
- Self-adaptation on the service layer
- Mobility Issues and continuity of services
- Beyond 4G and 5G communications
- Global communication and 6G Networks
- M2M and MTC communications
- Cognitive radio networks
- Implementation, testbeds and prototypes
- Security issues and privacy
- Blockchain and mobile applications
- Future Internet and Next-Generation Networking
- Mobile cloud computing
- Emerging Internet applications
- Context and location-awareness in pervasive systems
- Emerging wireless and mobile applications
- User interfaces, user-machine interactions
- Secure network and service access
- Service discovery and portability
- Service oriented architectures
- Mobile health care and medical applications

## PAPERS SUBMISSION

Prospective authors are invited to submit original papers with unpublished material and not currently submitted for consideration elsewhere. Review manuscripts should be no more than 6 pages in the IEEE double column proceedings format including tables, figures and references. Download manuscript templates for IEEE conference proceedings ([http://www.ieee.org/conferences\\_events/conferences/publishing/templates.html](http://www.ieee.org/conferences_events/conferences/publishing/templates.html)).

All accepted and presented papers at WINCOM'20 will be submitted to IEEE for potential inclusion to IEEE

Xplore. All submissions must be done through EDAS online submission system.

Submission link: <https://edas.info/newPaper.php?c=27303>.

## CALL FOR SPECIAL SESSIONS AND TUTORIALS

Proposals for special sessions and tutorials are solicited on hot topics for future mobile wireless communications systems and applications (for more details, please see the website [www.wincom-conf.org](http://www.wincom-conf.org)).

### Organizers



### Technical Sponsorship



## IMPORTANT DATES

Submission (**Extended deadline FIRM**)  
June 15, 2020 July 25, 2020

Notification  
August 20, 2020

Camera-ready and Registration  
September 15, 2020

Special sessions and Tutorial proposals  
April 15, 2020