ISW-5G 2016

Innov'COM — Innovation of COMmunicant and COoperative Mobiles

SUP'COM — Ecole Supérieure des Communications de Tunis

Cédric — le cnam

5G NETWORKS

ADVANCED WAVEFORMS

MULTICARRIER COMMUNICATIONS

FLEXIBLE MULTIMODE SINGLE-CARRIER

MIMO TECHNOLOGIES FOR 5G

3G 4G 5G 2G GSM

INTERNATIONAL SCHOOL

ON ADVANCED WAVEFORMS FOR 5G NETWORKS

📍 **Tunis Grand Hotel, Tunis**

January, 21-23 2016

SCOPE

ISW-5G scopes on Advanced Waveforms for 5G Networks. It gives an overview on 5G communications challenges and promising research avenues. Nowadays, several research works are investigating new waveforms to overcome the limitations of the OFDM modulation adopted in the latest 4G wireless communication systems. Recent achievements in the very important and vivid research area devoted for future waveforms based multicarrier systems will be discussed in this school.

SPEAKERS

Pr. Pierre Siohan (Orange Labs – France) : An Overview of Multicarrier Waveforms - State of the Art and Challenges in a 5G Perspective.

Pr. Maurice Bellanger (CNAM – France) : Filter Bank Multicarrier Modulations with Perfect Reconstruction. CP-less OFDM - Standardization Perspective.

Pr. Markku Renfors (TUT – Finland) : Flexible Multimode Single-Carrier and Multicarrier Waveforms Processing. Solutions for Future Wireless Communications.

Pr. Didier Le Ruyet (CNAM – France) : MIMO for 5G Networks.

Pr. Merouane Debbah (Huawei – France) : 5G networks - an Evolution or a Revolution?

PARTICIPATION

Registration is open to all interested applicants from academia, research and industry

Number of Places is limited !!

Registration Fees

Students*   300TND/150EUR
Students   350TND/175EUR
Academics   450TND/225EUR
Industrials 700TND/350EUR

Registration Contact

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ORGANIZING COMMITTEE

General Co-Chairs

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CEDRIC/CNAM/France

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