

Plenary talk
Paper session
Tutorial
Special Session
Workshop
Demos



# ICT 2018, 26<sup>th</sup> June 2018

**08:00 - 09:00** Registration

## Amphitheater Maupertuis

**09:00 - 09:30** Opening Ceremony

**09:30 - 10:30** Plenary talk 1  
THz Communication and its Potential for Beyond 5G Networks  
by Thomas Kürner

**10:30 - 11:00** Coffee break  
Rotonde Surcouf

Room	Amphitheater Maupertuis	Room 1 Lamennais 1	Room 2 Lamennais 2	Room 3 Lamennais 3	Rooms Vauban 1 & 2
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<b>11:00 - 12:30</b>	Session 01 Sharing Resources & Management	Session 02 New Physical Layer Waveforms	Session 03 MIMO Systems and related SP	Session 04 Advanced Signal Processing I	Demos Setup
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**12:30 - 14:00** Lunch break  
Rotonde Surcouf

<b>14:00 - 16:00</b>	Tutorial 1 Terahertz Communications: A Key Enabling Technology for Beyond 5G by Josep Miquel Jornet	Tutorial 2 Data Sharing in the Internet of Things Era by Angelo Corsaro	Tutorial 3 Quantum Cryptography: Principles, Implementation and Perspectives by Philippe Gallion	Tutorial 4 Massive MIMO: A Paradigm Shift for Cellular Communications by Jakob Hoydis & Luca Sanguinetti	Demos Presentation
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**16:00 - 16:30** Coffee break  
Rotonde Surcouf

<b>16:30 - 18:30</b>	Tutorial 1 Continued	Tutorial 2 Continued	Tutorial 3 Continued	Tutorial 4 Continued
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**18:30 - 20:00** Guided Visit to Saint Malo

**20:00** WELCOME COCKTAIL  
Rotonde Surcouf

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# ICT 2018, 27<sup>th</sup> June 2018

**08:00 - 09:00** **Registration**

**Amphitheater Maupertuis**

**09:00 - 10:00** **Plenary talk 2**  
**Massive MIMO: The Ultimate Wireless Technology! Or is There Something Better?**  
**by Thomas L. Marzetta**

**10:00 - 10:30** **Coffee break**  
**Rotonde Surcouf**

	Room	Amphitheater Maupertuis	Room 1 Lamennais 1	Room 2 Lamennais 2	Room 3 Lamennais 3	Rooms Vauban 1 & 2
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<b>10:30 - 12:30</b>	2 <sup>nd</sup> International Workshop on Main Trends on 5G and Beyond Networks (MT5Gnet) – Session 1	Session 05 Estimation/Synchronisation	Session 06 Millimeter Wave and 5G Protocols	Session 07 Security/Privacy	Demos Presentation
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**12:30 - 14:00** **Lunch break**  
**Rotonde Surcouf**

<b>14:00 - 16:00</b>	MT5Gnet – Session 2	Tutorial 5 Wireless Radio Access for 5G and Beyond by Huseyin Arslan	Special Session 1 Terahertz Communications	Session 08 Coding and Modulation I	Demos Presentation
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**16:00 - 16:30** **Coffee break**  
**Rotonde Surcouf**

<b>16:30 - 18:30</b>	MT5Gnet – Session 3	Tutorial 5 Continued	Session 09 VLC & Millimeter Wave	Session 10 Coding and Modulation II	Demos Presentation
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**20:00** **GALA DINNER, Best papers Awards & Best Demo Award Ceremony**



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# ICT 2018, 28<sup>th</sup> June 2018

**08:00 - 9:00** Registration

## Amphitheater Maupertuis

**09:00 - 10:00** Plenary talk 3  
Learning from the Sky: Autonomous Flying Access Networks for Beyond 5G  
by David Gesbert

**10:00 - 10:30** Coffee break  
Rotonde Surcouf

Room	Amphitheater Maupertuis	Room 1 Lamennais 1	Room 2 Lamennais 2	Room 3 Lamennais 3	Rooms Vauban 1 & 2
Time					

<b>10:30 - 12:30</b>	Session 11 Massive MIMO	Session 12 SDN/NFV/Cloud	Special Session 2 Non Orthogonal Multiple Access Techniques for 5G systems	Special Session 3 Advances on Digital Pre-distortion and Crest Factor Reduction	Presentation Demos
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**12:30 - 14:00** Lunch break  
Rotonde Surcouf

<b>14:00 - 16:00</b>	Tutorial 6 LPWA Networks for the IoTs: Framework, Optimization, and Challenges of LoRaWAN and NB-IoT by Samer Lahoud & Melhem El Helou	Session 13 D2D and Machine Type Communications	Session 14 Internet Of Things (IoT)	Session 15 Energy Management	Disassembly Demos
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**16:00 - 16:30** Coffee break  
Rotonde Surcouf

<b>16:30 - 18:30</b>	Tutorial 6 Continued	Session 16 Advanced Signal Processing II	Session 17 Satellite Communications	Session 18 Antennas, Tests & Measurements	
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**END OF CONFERENCE**