

THE NEW TRADE SHOW FOR RADIOFREQUENCIES,  
MICROWAVE, WIRELESS AND FIBRE OPTICS

## Microwave & RF 2014 Conference: The EMC in the spotlight

**Microwave & RF**, the Rendez-vous of the Radiofrequencies, Microwaves, Wireless and Fibre optics community, presents an exhaustive conference program with **eight specific cycles** uniting the best experts at its 3<sup>rd</sup> edition on 19 and 20 March at the CNIT.

Always very anticipated, the "**Special EMC**" sessions organised by the AFCEM on 2 full days, will lead the debate on both essential and decisive topics.

### WEDNESDAY 19 MARCH ■ MORNING

#### MODELLING IN EMC AND RF

Session President: Mr. Jérôme MOLLET, CST

- 10:00 am to 10:30 am: Comparison of the efficient value of the delay fan-out in a vehicle and a cavity for the wireless communication of the future in the automobile field.

Speaker: Mr. Amar BEL HADJ MABROUK, PSA

- 10:30 am to 11:00 am: Comparison of Electromagnetic tools, Comparative Evaluation.

Speaker: Mr. Jean-Francois LEDENDRE, DGA MI (*subject to change*)

- 11:00 am to 11:30 am: Proposal of a theory for the EMC

Speaker: Mr. Olivier MAURICE, Gerac

- 11:30 am to 12:00 am: EMC Modelling of systems and power equipments

Speaker: Mr. Enrico VIALARDI, Cedrat

### WEDNESDAY 19 MARCH ■ AFTERNOON

#### ELECTROMAGNETIC ENVIRONMENT EVOLUTION IN MEDICAL AND TELEHEARTH.

Session President: Mr Philippe Sissoko - LCIE Bureau Veritas

- 2:00 pm to 2:30 pm: Overview on changes in regulation of medical devices according to Directive 2007/47/EC

Speaker: Mr. Patrick TELLIEZ, CEISO.

- 2:30 pm to 3:00 pm: Updating EMC requirements of the 4th Edition of IEC 60601-1-2 introducing the concept of medical environment

Speaker: Mr. Jean Claude LABOURIE - General Electric Healthcare.

- 3:00 pm to 3:30 pm: Security of information system and communication devices in Medical

Speaker: Mr. Alain MERLE, CEA LETI.

- 3:30 pm to 4:00 pm: Management of the electromagnetic environment of medical devices operating in telehealth and patient monitoring using multiple RF technologies (RFID, Zigbee, Bluetooth, GPRS,..). Speaker: Mr Philippe SISSOKO, LCIE Bureau Veritas.

- 4:00 pm to 4:30 pm: Assessment of exposure against electromagnetic fields of medical devices radiating close the body or implanted.

Speaker: Mr. Richard COUSIN, CST.

**THURSDAY 20 MARCH ■ MORNING**

**HUMAN EXPOSURE TO 0-300 HZ ELECTROMAGNETIC FIELDS IN PROFESSIONAL ENVIRONMENTS: THE NEW EUROPEAN DIRECTIVE 2013/35/UE.**

Session President: Mrs Anne PERRIN, IMEP-LAHC - President of the non-ionising irradiation section of the Société Française de Radioprotection (SFRP).

• 10:00 am to 10:30 am: The foundations of the Directive: from science to regulation for the sanitary safety.

Speaker: Mrs Anne PERRIN, IMEP-LAHC.

• 10:30 am to 11:00 am: Presentation of the new Directive.

Speaker: Mr. Patrick STEABLER, Management consultant for EMC professional risks.

• 11:00 am to 11:30 am: Exposure of workers to EBF fields: current practice in an electricity company and developments in the context of the Directive 2013/35/UE.

Speaker: Mr. François DESCHAMPS, EDF.

• 11:30 am to 12:00 am: Exposure of workers to EM fields: current practice and perspectives of the Directive 2013/35/UE at a radio broadcasting operator (TDF).

Speaker: Mr. Allal OUBEREHIL, TDF.

**THURSDAY 20 MARCH ■ AFTERNOON**

**EMERGENCE OF DIGITAL RADIO (SDR) IN SHORT RANGE RADIO. APPLICATIONS IN COMPUTING NETWORKS AND M2M**

Session President: Mr. Philippe MALIET, AEMC.

• 2:00 pm to 2:30 pm: Digital radio in short range radio systems.

Speaker: Mr. Philippe MALIET, AEMC.

• 2:30 pm to 3:00 pm: Energy management in wireless sensors networks

Speaker: Mr. Olivier BERDER, ENSSAT Lannion

• 3:00 pm to 3:30 pm: How to optimise the radio connections in disrupted M2M environments?

Speaker: Mr. Pascal SAGUIN, ADEUNIS RF.

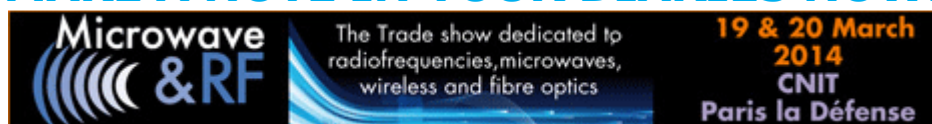
• 3:30 pm to 4:00 pm: The keys for the M2M/IoT environments, with high development potential.

Speaker: Mr. Christophe FOURTET, SigFox.

*\*Programme published subject to modifications*

**All the information on: [www.Microwave-RF.com](http://www.Microwave-RF.com)**

**MAKE A NOTE IN YOUR DIARIES NOW:**



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