

UMEMA 2020 - Final programme

Thursday 30 January 2020				
Time slot	Type	Name	Affiliation	Title
9:30 - 10:00	Welcome coffee			
	Chaired by: Emmanuelle Conil, ANFR Joe Wiart, C2M, Télécom Paris, IMT			
10:00 - 11:00	INV.1	Gabriella Tognola	CNR IEIIT, Milan, Italy	Characterization of Children Exposure to ELF Magnetic Fields with Cluster Analysis
11:00 - 12:00	INV.2	Philippe De Doncker	ULB, Brussels, Belgium	EMF Exposure Modelling Using Stochastic Geometry
12:00 - 12:30	OR.1	Maarouf Al Hajj	IP, Paris, France	Exposure Estimation of 5G Networks Using Stochastic Geometry
12:30 - 13:30	Lunch			
	Chaired by: Philippe De Doncker, ULB Lionel Pichon, CentraleSupélec			
13:30 - 14:30	INV.3	Philippe Besnier	IETR, Rennes, France	Assessment of the Risk of Failure in EMC Studies: Joint Analysis of Uncertain Constraint and Susceptibility Levels
14:30 - 15:30	INV.4	Christophe Roblin	IP, Paris, France	Stochastic Modelling of EM Characteristics of Antennas in Uncertain Conditions Based on High Order Reduction Techniques
15:30 - 16:00	OR.2	Marcus Stiemer	HSU, Hamburg, Germany	Some Applications of Uncertainty Estimation via Simplified Exploration of the Parameter Space
16:00 - 17:00	Coffee break Visit - ESYCOM Laboratory			
17:00 - 18:00	Guided visit - Château de Champs-sur-Marne			
19:00	Dinner - Clos du Château Restaurant			

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Time slot	Type	Name	Affiliation	Title
9:00 - 9:30	Welcome coffee Presentation of ESYCOM Laboratory by Jean-Marc Laheurte			
	Chaired by:	Shermila Mostarshedi, ESYCOM, UGE Benoit Poussot, ESYCOM, UGE		
9:30 - 10:30	INV.5	Philippe Besnier	IETR, Rennes, France	Satisfaction Indicators Taking into Account the Measurement and Computation Uncertainties for the Comparison of Data in Electromagnetics
10:30 - 11:30	INV.6	Alireza Kazemipour	METAS, Bern, Switzerland	Material Characterization and Parameter Extraction, Error Analysis and Uncertainties
11:30 - 12:00	OR.3	Sébastien Lalléchère	UCA, Clermont, France	Stochastic Evaluation of Microwave Electromagnetic Shielding from Clustering Techniques
12:00 - 13:00	Lunch			
	Chaired by:	Philippe Besnier, CNRS, IETR Sébastien Lalléchère, UCA		
13:00 - 13:30	OR.4	Xi Cheng	IP, Paris, France	Artificial Neural Networks for Uncertainty Analysis in EEG System Modelling
13:30 - 14:00	OR.5	Shanshan Wang	IP, Paris, France	Evaluation and Reconstruction of EMF Exposure in Urban Environment by Using Artificial Neural Network
14:00 - 14:30	OR.6	Imad Adjali	ESYCOM, UGE, France	Statistical Analysis of the Group Behaviour of High Density Randomly Distributed Tags
14:30 - 15:00	OR.7	Yao Pei	GeePs, Gif-sur-Yvette, France	Sensitivity Analysis of an Inductive Power Transfer System Using Polynomial Chaos Expansions
15:00 - 15:30	Closing			