6th Management Committee / Working Group Meeting and Workshop

COMPLETE PROGRAM

COST IC1301
Wireless Power Transmission for Sustainable Electronics

VENUE:

Aveiro Congress Center
Cais da Fonte Nova
3810-200 Aveiro, Portugal

Web: www.ua.pt/it
Coordinates: **40°38'16.9" N 8°38'38.4" W**

instituto de telecomunicações

universidade de aveiro
theoria poiesis praxis

May 3-4, 2016, Aveiro - Portugal

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WORKSHOP SCHEDULE:

May 3rd, 2016 (Tuesday)

09:00 - 09:30	**Registration and Welcome Session**
09:30 - 10:30	**WG1 Session: Far-field WPT Systems**
	Diego Masotti, "*Activities of WG1 - Far field WPT Systems*"
	Aggelos Bletsas, "*Backscatter Networks for Large Scale Environmental Sensing: What we learnt.*"
	Diego Masotti, A. Costanzo, "*The main GRETA Project Results, for Energy Efficient Radio Identification and Localization*"
10:30 - 11:00	**Coffee-Break**
11:00 - 12:00	**Keynote by Jenshan Lin** *University of Florida, Gainesville, FL*
12:00 - 12:40	**WG3 Session: Novel Materials and Technologies**
	Nuno Carvalho, "*Activities of WG3 - Novel Materials and Technologies*"
	Szabolcs Gyimóthy, Péter Horváth, József Pávó, Sándor Bilic, "*Research and Education Activities in WPT at the Budapest University of Technology and Economics"*
12:40 - 14:00	**Lunch @ OLARIA-EFTA** (*upstairs restaurant*)
14:00 - 15:40	**WG2 Session: Near-field WPT Systems**
	Jan Kracek, "*Activities of WG2 - Near-field WPT Systems*"
	Luís Pessoa, "*Underwater Wireless Power*"
	Senol Mutlu, "*Wireless and Battery-Less Temperature Measuring Circuit Using a Single Light Emitting Diode*"

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	Sotiris Nikoletseas, Theofanis Raptis, "*Energy Balance with Peer-to-Peer Wireless Power Transfer*"
	Jan Kracek, Milan Svanda, Milos Mazanek, "*Research on Capacitive Wireless Power Transfer*"
15:40 - 16:10	**Coffee-Break**
16:10 - 16:30	**WG5 Session: Regulation and Society Impact**
	Hubregt Visser, "*Activities of WG5 - Regulation and Society Impact*"
16:30 - 17:10	**Student Contest Pitches** *(10 min each)*
	Jan Schneider (Slovakia), "*UWB antennas for energy harvesting*"
	Hugo Santos (Portugal), "*Design and optimization of air core spiral resonators for magnetic coupling wireless power transfer on seawater*"
	Botond Bálint (Hungary), "*Numerical field model of near-field WPT integrated in spice environment*"
	Ricardo Correia (Portugal), "*High Order Modulation for Passive Backscatter Wireless Sensor Networks*"
17:30 – 19:00	**Social Activities** *(surprise ☺)*
19:30 – 22:00	**Official Dinner @ SALPOENTE** (www.salpoente.pt)

May 4th, 2016 (Wednesday)

09:00 - 10:40	**WG4 Session: Applications**
	Luca Roselli, "*Activities of WG4 - Applications*"
	Zbynek Raida, J. Velim, M. Cupal, D. Krutilek, "*Wireless Power Transfer for Vehicular Applications*"
	Ihsan Lami, "*Smart Scheme for Monitoring and Managing Remote IoT Wireless Sensor Networks with WPT*"

	Symon Podilchak, V. Buendía, G. Goussetis, A. Costanzo, P. Nicole, "*Smart Cable for Wireless Power Transmission in Aeronautical Applications*"
	Stavroula Siachalou, A. Bletsas, J. Sahalos, A. Dimitriou, "*Object Tracking Using Commercial RFID Technology*"
10:40 - 11:10	**Coffee-Break**
11:10 - 12:10	**Student Contest Poster Session**
	Jan Schneider (Slovakia), "*UWB antennas for energy harvesting*"
	Hugo Santos (Portugal), "*Design and optimization of air core spiral resonators for magnetic coupling wireless power transfer on seawater*"
	Botond Bálint (Hungary), "*Numerical field model of near-field WPT integrated in spice environment*"
	Ricardo Correia (Portugal), "*High Order Modulation for Passive Backscatter Wireless Sensor Networks*"
12:10 - 12:30	**Closing Session** *COST IC1301 - Action Chair*
12:30 - 14:00	**Lunch @ OLARIA-EFTA** (*upstairs restaurant*)
14:00 - 16:00	**MC Meeting** *MC members and MC substitutes*
16:00	**End of Meeting**