



# Activities of WG2 Near Field WPT Systems in 2014

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# Outline

- » Publications
- » STSM
- » Other activities





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# Publications

- » Journals – 12
  - » Printed – 10
  - » Accepted – 1
  - » Submitted – 1
- » Conferences – 16





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- » Publications
- » **STSM**
- » Other activities



# STSM (1)

- » Applicant: Martin Schutz, Friedrich-Alexander-University Erlangen-Nuremberg, Germany
- » Host: Apostolos Georgiadis, Centre Tecnologic de Telecomunicacions de Catalunya, Spain
- » Topic: Investigations on a State-of-the-Art, Highly Efficient Configurable Near-Field WPTS at 13.56 MHz
- » Period: Oct. 2014 - Nov. 2014
- » Result: Conference paper submitted to WPTC 2015 (under review)





# STSM (2)

- » Applicant: Massimo Del Prete, University of Bologna, Italy
- » Host: Apostolos Georgiadis, Centre Tecnologic de Telecomunicacions de Catalunya, Spain
- » Topic: 2.4 GHz RFID Based-On Class-E Oscillator
- » Period: Nov. 2014
- » Result: Conference paper accepted at IEEE MTT-S IMS 2015



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- » Publications
- » STSM
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# Other Activities - Workshop

- » Workshop Wireless Power Transmission – Near and Far Field Approaches
- » 44th European Microwave Conference, 5th October 2014, Rome, Italy
- » 12 contributions



# Other Activities - Ph.D. Tutoring

- » Ph.D. student: Marco Fantuzzi, University of Bologna, Italy
- » Topic: Far-Field and Near-Field WPT
- » Tutor: Alessandra Costanzo, University of Bologna, Italy
- » Period: Nov. 2014 -





# Other Activities - Ph.D. Review Panel

- » Ph.D. student: Ricardo Dias Fernandes, University of Aveiro, Portugal
- » Topic: Wireless Power Transmission Based on Resonant Electrical Coupling
- » Ph.D. proposal panel - reviewer: Apostolos Georgiadis, Centre Tecnologic de Telecomunicacions de Catalunya, Spain
- » Period: Feb. 2014

