

ELEDIA Research Center

Dept. of Information Engineering and Computer Science



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ELEDIA ACTIVITIES ON WIRELESS POWER TRANSMISSION

Technical-Scientific Committee in International Conferences

- ❑ In May 2012, Prof. Massa was appointed member of the Technical Program Committee of the third edition of the IEEE MTT-S International Microwave Workshop Series on Innovative Wireless Power Transmission: Technologies, Systems, and Applications (IMWS-IWPT2013), Perugia, 15-16 May 2013.
- ❑ In September 2011, Prof. Massa was appointed member of the Technical Program Committee of the second edition of the IEEE MTT-S International Microwave Workshop Series on Innovative Wireless Power Transmission: Technologies, Systems, and Applications (IMWS-IWPT2012), Uji, Kyoto, Japan, 10-11 May 2012.
- ❑ In July 2010, Prof. Massa was appointed member of the Technical Program Committee of the IEEE MTT-S International Microwave Workshop Series on Innovative Wireless Power Transmission: Technologies, Systems, and Applications (IMWS-IWPT2011), Uji, Kyoto, Japan, 12-13 May 2011.

Organization/Coordination of Scientific Sessions in International Conferences

- ❑ Prof. Massa was invited to chair of the session “WPT sensor applications” at the IEEE MTT-S International Microwave Workshop Series on “Innovative Wireless Power Transmission: Technologies, Systems, and Applications” (IMWS-IWPT2013), Perugia, 15-16 May 2013.
- ❑ Prof. Massa was invited by Prof. Y. Ishikawa to chair the session “Phased Array” at the IEEE MTT-S International Microwave Workshop Series on Innovative Wireless Power Transmission: Technologies, Systems, and Applications (IMWS-IWPT2011), Uji, Kyoto, Japan, 12-13 May 2011.
- ❑ Prof. Massa proposed (18 selected over 37 proposals), organized, and chaired the Special Session “Analysis of Electromagnetic Wireless Systems for Solar Power Transmission” in the 2010 IEEE AP-S International Symposium and USNC/CNC/URSI Radio Science Meeting, Toronto, Ontario, Canada, 11-17 July 2010.

Organization of Public Events

- ❑ Organization of the session “Il Futuro dell’Energia: E’ on-demand?” (“The Future of Energy: Is on-demand?”) at the Festival Città Impresa, Rovereto, Italy, 23 April 2010. Contributors and Speakers: Prof. Andrea Massa (University of Trento), Dr. Lorenzo Fiori (Finmeccanica), Prof. Sergio Garibba (Italian Ministry of Economic Development), Prof. Nobuyuki Kaya (University of Kobe), Dr. John Mankins (Artemis Innovation Management Solutions).

Industrial/Institutional Projects

- Italian Ministry of Education Universities and Research, National Technological Cluster, Technologies for Smart Communities, CTN01_00034, “Edifici a Zero Consumo Energetico in Distretti Urbani Intelligenti” (“Zero-Energy Buildings in Smart Urban Districts”) (Start: 03/2013 – End: 05/2016).
- Ansaldo Energia, DIT-PRJ-11-058, Radio Frequency Power Scavenging for Telemetry Sensor Management (ROTATe) - Project coordinator (Start: 10/2011 – End: 04/2012).

Invited Contributions to International Journals

- In January 2011, invitation by Profs. K. Wu and H. Matsumoto to contribute with an invited paper to the “Special Issue on ‘Wireless Power Technology, Transmission and Applications’” of the journal Proceeding of the IEEE.

Invited Contribution to Scientific Sessions of International Conferences

- In February 2012, invitation by Profs. G. Franceschetti and N. Shinohara to contribute with an invited paper to the session “Wireless Power Transmission” at the International Conference on Electromagnetics and Advanced Applications (ICEAA 2012), Cape Town, South Africa, 2-7 September 2012.
- In December 2010, invitation by Profs. N. Shinohara, K. Hashimoto, and K. Schlegel to present an invited paper in the special session on "Solar Power Satellites and Wireless Power Transmission" at the XXX URSI General Assembly and Scientific Symposium of International Union of Radio Science (URSI-GASS 2011), Istanbul, Turkey, 13-20 August 2011.