1. Record Nr. UNINA9910137431703321 Wireless Power Transfer Conference (WPTC), 2015 IEEE // Institute of Titolo **Electrical and Electronics Engineers** Piscataway, New Jersey:,: IEEE,, 2015 Pubbl/distr/stampa **ISBN** 1-4673-7447-4 Descrizione fisica 1 online resource Disciplina 621.319 Soggetti Electric power transmission Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Technical areas to be covered by the conference include 1 Basic Sommario/riassunto technologies for wireless power transfer systems near field (inductive, resonant) power transfer, microwave transmission and beaming, coils. resonators, and antennas, power management and power electronics for WPT and EMC EMI, shielding 2 Power transmitters and receivers for wireless power transfer systems high frequency power transmitters and devices, high efficiency rectifying circuits and devices, rectennas and rectenna arrays, and devices and techniques for energy harvesting and scavenging 3 Applications of wireless power transfer technologies mobile and personal devices, home Industrial appliances, electric vehicles, RF ID and electronic tags, SPS and space aeronautic applications and medical and biological devices, as well as standardization, regulations and biological effects of wireless power

transfer The conference will consist of both regular and poster

presentations, as well as two keynote talks.