



**University of Pavia**

**Ph.D. School in Electronics, Computer Science and Electrical Engineering  
Ph.D. School in Bioengineering, Bioinformatics and Health Technologies**

## **SEMINAR**

# **WPT per la ricarica di impianti medici**

***Prof. Giuseppina Monti***

**Università del Salento, Lecce, Italia**

**June 7<sup>th</sup> 2023, 9 am**

**Online: <https://us02web.zoom.us/j/6272078782>**

**Abstract:** The seminar will focus on the use of wireless power transfer technologies based on inductive coupling for the recharge of medical implants.

As an example of application, the case of the wireless recharge of a pulse generator will be presented and discussed.

**Bio:** Giuseppina Monti received the Laurea degree in Telecommunication Engineering (with honors) from the Univ. of Bologna, Italy, in 2003, and the Ph.D. in Information Engineering from Univ. of Salento (Italy), in 2007.

She is currently with the Dept. of Innovation Engineering (Univ. of Salento), where she is associate professor (SSD ING/INF-02) and Director of First and Second Cycle Degrees in Information Engineering.

Her current research interest focuses on the design of devices for wireless power transfer and energy harvesting. She has co-authored three book chapters and more than 150 papers appeared in international conferences and journals.

### **Organizer**

**Prof. Marco Pasian**

### **Ph.D. Coordinator**

**Prof. Ilaria Cristiani  
Prof. Silvana Quaglini**

Seminar in English

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