

CURRICULUM VITAE of Paolo Seri

Education

- 20/03/2012 – Master's degree in energy engineering at the university of Bologna.
- 05/04/2017– PhD in electrotechnics engineering: Surface sterilization by means of a Dielectric Barrier Discharge: effects of Electro Hydro Dynamics and different chemical species.

Employment

- Researcher on characterization of dielectrics at the University of Bologna

Current Research projects

- “Digitalization of Power Electronic Applications within Key Technology Value Chains” (Powerized)
- “New generation of HVDC insulation materials, cables and systems” (NEWGEN)
- “Novel concept of a low-cost, high-power density and highly efficient recyclable motor for next generation mass produced electric vehicles” (HEFT).

Teaching experiences

- 2013 – 2016: Professor assistant in electrotechnics
- 2018 – 2019: Guest Lecturer in Technologies and Diagnostics of Electrical Systems
- 2020 – Current: Lecturer in Reliability and Statistics

Scientific scores

- H-Index: 15
- 115 published papers
- 716 citations

Patents granted

- WO2019234781: Sterilization method using plasma
- EP3670602: Composition polymère comprenant au moins deux polymères homophasiques
- 102020000026957: Metodo di deconvoluzione e calibrazione automatica di segnali elettroacustici

Acknowledgements

- National Academic Qualification as Associate Professor

Editorial boards

- Associate editor of the IEEE Journal of Emerging and Selected Topics in Industrial Electronics (ISSN: 2687-9735)
- Topic editor of Materials (ISSN 1996-1944)