

PERSONAL INFORMATION

Loris Zanotto



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POSITION

Senior Electrical Engineer, Leader of Power Supply Area of the Neutral Beam Test Facility, PhD

WORK EXPERIENCE

Jan. 2014 - Now

Activity as Chartered Engineer

PER Energia Srl, Studio Tecnico Ramarro, Digitcom Srl

- Design and consulting, civil and industrial electrical systems and equipment

Dec. 2004 - now

Senior Power Supply Engineer

Consorzio RFX, Padova

- Project management and writing up of technical specifications for high power conversion systems
- Follow-up of installation and commissioning of high power conversion systems
- R&D on switching power supplies and power systems
- Management and coordination of people
- Technical Responsible officer of RFX experiment experimental sessions
- Responsible officer of power supplies in the RFX experiment
- Operation and maintenance of large power systems
- Management of activity programs during shutdowns of the RFX experiment
- Head of power supply technicians group (from 2009 to 2018)
- Head of power supply engineers group (from 2016 to 2018)
- Project Leader of Electrical Systems of the Neutral Beam Test Facility (from 2018 to now))

May 2004 – Nov. 2004

Research Engineer

Joint European Torus, Culham (UK)

- Development of real-time control systems for large switching amplifiers devoted to the supply of large magnets
- Management and operation of high power switching power supplies

Jan 2003 – Dec. 2004

Power Supply Engineer

Consorzio RFX, Padova

- R&D on switching power supplies and power systems
- Analysis and simulation of switching power supplies and large power systems
- Follow-up of installation and commissioning of high power conversion systems
- Responsible officer of power supplies in the RFX experiment

Apr. 1999 – Nov. 1999

Research fellowship

Consorzio RFX, Padova

- Analysis and simulation of switching power supplies and power systems