



Name: Antonio Morandi

Affiliation: University of Bologna, Italy

Position: Associate Professor, Dep. of Electrical, Electronic and Information Engineering

Previous Positions: Lecturer, University of Bologna

Education: Master's degree in Power Electrical Engineering, University of Bologna, 1999
PhD in Electrical Engineering, University of Bologna, 2004

Research Interests/Areas of Expertise: Superconductor technologies for power and energy (power cables, SFCL, SMES,) and industry (induction heating). Grid integration of superconductor devices. Flux pumps. Levitation.

Publications: More than 100 scientific papers in IEEE Journals (mostly TASC), Superconductor Science and Technology, Physica C, etc.
3 book chapters

Approximate Number of Years in Applied Superconductivity: 25

Membership in Professional Societies: Board member of ESAS, 2015 –,
Board member of ICEC, 2021 –,
Vice Chair of COST action Hi-SCALE, 2020 – 2024,
Member of HTS Modeling WG board, 2012 – 2022,
Member of National Committee IEC TC90 - Superconductivity, 2010 –
IEEE Senior Member, 2015
Chair of SP5 - SMES of EERA JP Energy storage, 2022 –

Previous ASC Service: Member of the Scientific Program Committee – Large Scale of ASC 2024, ASC 2022, ASC 2020, ASC 2018
Session Chair at ASC 2020, ASC 2018 (including Plenary), ASC2016, ASC2014, ASC2012, ASC2010, ASC2008

Service to Related Conferences: Co-chair of EUCAS 2023, Bologna, September 3rd-7th 2023
Chair of the 5th International Workshop on Numerical Modelling of HTS, Bologna-Italy, June 15-17, 2016
Chair of the “ESAS Summer School on HTS Technology”, Bologna, June 8-14, 2016
SPC member of EUCAS 2013 and EUCAs 2024, IAC member of EUCAS 2019, IAC Member of HTS Modelling 2014 and 2018

Honors and Awards:
- IEEE-CSC Certificate in recognition of outstanding service, 2022