

Luciano Martini

Position/Department/Division/Institution/Organization

Director, Green Powered Future Mission - Mission Innovation;

Director, Transmission and Distribution Technology Department, Ricerca sul Sistema Energetico (RSE) – Italy

Country

Italy

Career history

Luciano Martini works for RSE (Italy) where he is the Director of the “Transmission and Distribution Technologies” Department. Luciano Martini has more than 25 years experience on Research & Development activities dealing with renewable energies, superconductivity, and smart grids. He is the Director of the Green Powered Future Mission in the framework of Mission Innovation, the Chair of the Executive Committee of the International Energy Agency (IEA) Technology Collaboration Programme for Smart Grids (ISGAN), the Chair of the “Co-Operative Programme for Assessing the Impacts of High-Temperature Superconductivity on the Electric Power Sector”, and member of several CIGRE and IEC international working groups. He has been repeatedly recruited by organizations as the European Commission and the US DOE as independent expert to review research proposals and publicly funded R&D projects.

Awards/Publications

L. Martini and A. Iliceto, “*In My View: A European Perspective of DER Integration*” invited editorial, IEEE Power & Energy Magazine, vol. 16, no. 6, Dec. 2018.

L. Martini et al. “*Grid of the Future and the Need for a Decentralized Control Architecture: The ELECTRA Web-of-Cells Concept*”, Paper 0484, 24th International Conference on Electricity Distribution, CIRED 2017, 12-15 June 2017, Glasgow (UK).

M.A. Biviji, L. Martini, M. De Nigris, DJ Kang, D. Ton, “*Global Survey of Smart Grid Activities*”, Chapter 5 for the Wiley Smart Grid Handbook, 3 Volume Set, Chen-Ching Liu (Editor) ISBN: 978-1-118-75548-8, July 2016.

Areas of expertise

Renewable energies, smart grids, superconductivity and international cooperation.