

## Short CV of Prof. Antonio Bracale

Antonio Bracale received his degree in Telecommunication Engineering from the University of Naples "Federico II" (Italy) in 2002 and the Ph.D. degree in Electrical Energy Conversion from the Second University of Naples, Aversa, Italy, in 2005. From 2005 to 2007 he was post-doc research fellow at University of Naples Federico II. Since 2008, he has been with the Department of Engineering, University of Naples "Parthenope", (Italy), where he is currently an associate professor.

Antonio Bracale has conducted research activities on topics related to electrical power systems, and has published papers on international journals and in proceedings of national and international conferences. The research mainly focused on the following issues: advanced signal processing methods in power system analysis, optimal planning and management of Smart Grids and loads/renewable generators power forecasting methods.

Antonio Bracale carried out the aforementioned research activities at the Department of Engineering, University of Naples "Parthenope" and in collaboration with the Department of Electrical Engineering and Information Technologies, University of Naples "Federico II", University of Cassino e del Lazio Meridionale, Polytechnic of Turin, Wroclaw University of Technology (Poland), University of North Carolina at Charlotte, MINES ParisTech, PSL - Research University, Chalmers University of Technology, Gothenburg (Sweden) and Luleå University of Technology (Sweden).

Antonio Bracale is involved in scientific participation in international and national research projects. He is a member of the Institute of Electrical and Electronic Engineering (IEEE), of IEEE Task Force on Probabilistic Aspects of Harmonics, of IEEE Task Force on Modeling and Simulation and of IEEE Working Group on Voltage Quality. In 2013 he was invited to present a contribution at IEEE Power and Energy Society General Meeting Panel Session titled: "Time-Varying and Probabilistic Methods for Harmonics Aggregation Analysis in a Smart Grid".

He is a member of Steering Committee of International Conference on Renewable Energies and Power Quality and IET RPG Annual Conference and he serves in the Technical Reviewer Committee of IET RPG Annual Conference, PMAPS Conference and ICCEP Conference.

In 2014 he was Guest Editor of Special Issue on *Advanced signal processing techniques and telecommunications network infrastructures for Smart Grid analysis, monitoring and management* - EURASIP Journal on Advances in Signal Processing. Currently he is Editor of Special Issue on Ensemble Forecasting Applied to Power Systems – Forecasting Open Access Journal, MDPI. He is reviewer of several journals such as *International Journal of Power and Energy Systems*, *Electric Power Systems Research*, *IEEE Transaction on Instrumentation and Measurement*, *IEEE Transaction on Power Delivery*, *IEEE Transaction on Smart Grid*, *European Transactions on Electrical Power*, *IEEE Access*. He is member of Editorial Board of the following International Journal: *International Transactions on Electrical Energy Systems*, *The Open Electrical & Electronic Engineering Journal*, *Renewable Energy & Power Quality Journal* and *Research Journal of Engineers and Technologists*.

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