

## CURRICULUM VITAE

of

**Pietro Varilone**

Since 2/7/2012, he is Associate Professor of Power systems at Department of Electrical and Information Engineering "Maurizio Scarano" of the University of Cassino and Southern Lazio (Italy)

### 1. EDUCATIONAL BACKGROUND

In 1999 he received his PhD degree in Electrical Energy Conversion at the Second University of Napoli (Italy) discussing the thesis "Probabilistic methods for steady state analysis of unbalanced three-phase systems" and in 1995, he received his MSc degree in Electrical Engineering at Università di Cassino.

### 2. ADMINISTRATIVE JOBS

Since 2013, he is the scientific director of the Power System Laboratory "**LaSE**" of the University of Cassino, Cassino (Italy);

since 2015, he is a member of the PhD School Board of "**Methods, Models and Technologies for Engineering**", of the University of Cassino and Southern Lazio, Cassino (Italy) and from 2013 to 2020, he was a member of the PhD School Board "**Electrical and Information Engineering**" of the University of Cassino and Southern Lazio, Cassino (Italy).

### 3. MEMBERSHIPS IN PROFESSIONAL ORGANIZATIONS

Since 2016, he is member of the Technical Committee D.1, "**The road asset management**", Associazione Mondiale della Strada Comitato Nazionale Italiano (AIPCR);

from 2009 to 2012, he was the President of the Cassino's section of the AEIT.

from 2008, he is a member of the Italian Chapter Executive Committee of the IEEE Power Engineering Society (PES).

### 4. SCIENTIFIC PROJECTS AND TECHNICAL CONSULTANCIES

From 2020 to 2021 he is the scientific responsible of the contract with EnSiel inter-university consortium on behalf of TERNA S.p.A (in collaboration with the Universities of Naples Parthenope and Naples Federico II) on "**FACTS Technology Analysis**";

from 2017 to 2019, he is the scientific responsible of the contract with ENEL Global Procurement Global Infrastructure and Networks Procurement on "**Service for scientific support activities on Power Quality issues in distribution networks**";

from 2014 to 2018, he was the scientific responsible of the contract with Schneider Electric on

- **Development of models and algorithms for a digital simulator of an industrial electrical system, interfaced with an ENMCS system;**
- **"Modification and / or software implementation of simulation of the medium and low voltage electrical distribution of the plant called 'Dangote Fertilizer Project' located in the area of 'Ibeju-Lekki' in the state of Lagos in Nigeria;**
- **"Simulation software for the electrical distribution of the 'ZOHR ONSHORE' plant (Egypt).**

### 5. RESEARCH ACTIVITIES

He is co-author of more than 110 papers (98 on Scopus, h-index (scopus) is 19 and the number of citations (scopus) is 1222). In particular, 41 papers are journal articles on Scopus, 55 papers are contributions in Conference proceedings on Scopus. He also co-authored 2 book chapters on scopus and is author of a PhD thesis.

In 2017, he was co-author of a paper awarded with "**Key Scientific Article Certificate**" to Advances In Engineering (AIE)]

In 2004, he is co-author of a paper awarded with the Third Prize at the International Conference IEEE Conference PMAP International Conference Prize Paper Award-Third Prize  
esto è un testo di esempio (non più di una pagina).

Sito WEB:

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