



**University of Pavia**

**Ph.D. School of Electrical and Electronics Engineering and Computer Science**

## **SEMINAR**

### **Innovative solutions in the design of high power turbo-generators**

***Eng. Enzo Tortello***  
***Senior Consultant***

31 May 2017, h 14:00÷16:00, room C7

Polo Didattico Ingegneria

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**Abstract:** Presentation and discussion of the most important manufacturing steps of large turbo generators. Description of the most recent and powerful models of turbo generators cooled by air and by hydrogen. What is changing for electrical machinery in case of distributed generation.

**Bio:** Enzo Tortello was born in Genoa in July 1946. Electrical Engineer, he obtained his degree at the Engineering University of Genoa at the beginning of 1971. He joined the Electrical Rotating Machinery Engineering Department of Ansaldo in March 1973, He moved to the Strategic and Research & Development Dept. at the end of 1984. He had been Manager of Laboratories and Testing Facilities inside the Quality Dept. of the Product Direction, from 1993 up to the end of 2004. Professor at the University of Cagliari 1978-80. Two patentees and more than 60 papers in the field of electrical rotating machinery former National Member of the Study Committee A1 (Rotating Machinery) in the nineties up to 2000 and Convenor of the Advisory Group A1-06 (Power Station Motors) in the Cigré organization since 1996. He received the title of Distinguished Member for the Study Committee Rotating Machinery of Cigré and the special Technical Award for the same S.C. in 2000. Traditionally present in the Organization Committee of Power Gen Europe for the track Operation and Maintenance, since the middle of nineties, he chaired a number of paper sessions in Cigré, Power Gen, ATI and other conferences.

#### **Organizer**

Dr. Lucia Frosini

#### **Ph.D. Coordinator**

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