

CV summary

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Alessandro Sorce: Assistant Professor at University of Genoa (DIME) since 2016

Academic Qualifications: 2013 - Phd Degree (European label) Turbomachinery Engineering at the University of Genoa; 2009 - Master Degree in Mechanical Engineering (University of Genoa); 2006 - Bachelor's Degree in Mechanical Engineering (University of Palermo). Professional Engineers, Industrial Branch since 2009.

Research Interest: Long Term Monitoring and Diagnosis of Energy Systems; Environmental Impact, Performance and Flexibility of Fossil Fueled Power Plant; Hybrid System diagnosis; Data Reconciliation; Hydrogen Storage.

Research Results: The Research activity has produced more than 15 scientific papers, most of the published at International Conference and Journals. ICAE 2013 Best Paper Award; D'Appolonia Day Award. In those years, Alessandro supervised more than 20 Master Thesis.

In 2015 founded the h2boat s.c.a.r.l.: a University Spin-off that provides energy high-tech solutions, focusing on the use of hydrogen in the energy sector.

Teaching: Alessandro makes some lectures since 2013, on the his research topics inside the following Courses:

- “Power Plant for Energy Conversion”, 3h :Combined Cycle Flexibility
- “Gasdinamica e Impianti per l'energia”, 6h: Impact of the electricity free market on CCPP Flexibility
- “Sistemi innovativi per l'energia e l'ambiente”, 3 h: Monitoring and Diagnosis of Energy Systems

Actually, Alessandro delivers the “Energy Systems” lectures to the Electric and Electronic Engineers.