



Gennaro Cozzolino

Ph.D. – Chemical Engineering

I'm currently working as Product Development Leader at Alcantara S.p.A. My work focuses on project managing for the development of innovative and advanced composite material for automotive industry. From September 2013 to March 2016, I worked in the field of Smart Grid, in particular, I dealt with the development and optimization of Vanadium Redox Flow Battery. From April 2009 to September 2013 at CNR-IRC in Naples, I worked on innovative particulate abatement process and low emission combustion process.



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SKILLS

Project Management

Product development

Process design

Continuous improvement

Energy storage

R&D

DoE

Laboratory test facilities

Particles characterization

Data analysis

Electrochemistry

CFD & Multi-Physic modeling

WORK EXPERIENCE

Product Development Leader – Automotive applications

[Alcantara S.p.A](#) - TORAY Group

04/2016 – Present

Nera Montoro (TR) - Italy

Alcantara S.p.A. is the company that manufactures and markets worldwide the homonymous material under the registered trademark Alcantara®

Achievements/Tasks

- Project management and development of new products.
- Designing of innovative and advanced composite material conceived for automotive interior applications.
- Monitoring and optimizing new technology and processes of strategic interest for the Company.

R&D Engineer - Energy Storage Systems

[InResLab](#) [scarl](#)

09/2013 – 03/2016

Monopoli (BA) - Italy

InResLab is a not-for-profit research organization promoting several research projects in all the strategic areas.

Achievements/Tasks

- Optimization of energy density (+45%), power density (+30%) and operative temperature (± 15 °C) of Vanadium Flow Battery.
- Developing and integration within the Smart Grid of sustainable energy production systems: biodigesters and twin wind turbine.
- Coordinating of European projects under the Horizon 2020 research program and writing of scientific paper.

Contact: Ph.D. Michela Chimenti

R&D Process Engineer

[CNR – IRC](#)

04/2009 – 09/2013

Naples - Italy

The Institute for Research on Combustion, is one of the Institutes of the Department of Engineering, ICT and Energy and Transport Technologies of CNR

Achievements/Tasks

- Optimizing of submicronic particulate abatement process, improving efficiency of conventional submicronic (PM 0.1 – PM 1) particulate abatement systems (+50%) by means of **heterogeneous condensation of water vapor**.
- Characterization of unit operations finalized to optimization of thermal systems for energy production.
- Writing of several scientific paper.

Contact: Prof. A. Cavaliere; Ph.D. M. de Joannon

SOFT SKILLS

Proactivity

Problem Solving

Team Working

Project Management

Empathy

Flexible mindset

“Can do” spirit

INTERESTS

Science of Universe

Home-brewery

Sport

Renewable and Sustainable Energy