

Session B: "Entrepreneurship in the KIC thematic areas: sustainable energy, climate change adaptation and mitigation, future information and communication society"

SPEAKER PROFILE: Emilio PAOLUCCI - Politecnico di Torino & Cofounder Electro Power Systems



Emilio Paolucci is Full Professor at Politecnico di Torino, where he teaches "Business Planning" and "Organizational Design and Business Management"; where he is also responsible for post graduate courses in "E-Business" and in "Management of Innovation". His research interests include relationship between Information Technology and organizational models, IT governance and its effects on productivity; patterns of ICT adoption at regional level; entrepreneurship and the creation of hi-tech start-ups.

He has published several articles in international journals, and is Associate Editor of the International Journal of e-Business. He is a member of the Board of Examiners of the "Innovative Enterprises Incubator" at the Politecnico di Torino. He co-founded Electro Power Systems, a start-up leader in the design and manufacturing of fuel cell power systems.

COMPANY PROFILE: Electro Power Systems



Electro Power Systems SpA (www.electrops.it) is an Italian high-tech company that develops and produces highly innovative fuel cell systems changing the technology and the economics of backup power. The Company, founded in 2005, is based in Turin and recently opened a new facility in Aosta (Italy).

ElectroPS targets the telecom, public utilities and radio private network industries with solutions in the range between 3 and 15 kVA. ElectroPS was awarded the Italian "National Prize for Innovation" in December 2005 and has been included in the Guardian Library House, 2008 "Cleantech 100".

ElectroPS products substitute traditional backup power solutions winning towards batteries and gensets in terms of reliability, flexibility, reduced carbon footprint and costs. Moreover they are far ahead of any other fuel cell system because our breakthrough technology platform has unprecedented performance, flexibility and control features. Such platform, based on several patents, is the result of continuous investments in research and of collaboration with industrial partners and universities.

ElectroPS products have been successfully installed and tested within some of the most important European utilities and telecom operators. The Company is now focusing on both strengthen the position on the EU markets and entering new ones. ElectroPS is currently negotiating industrial partnerships to enter the Latin, Central and North American markets through key local players

ElectroPS is now working on an embedded H2 generator that uses water to produce clean hydrogen from electrolysis giving fuel cell technology what was missing to win over the UPS market: a self-recharging storage system to have all the needed hydrogen anywhere. Such technology will also allow storage of energy produced by renewable sources, managing mismatch between demand and production.

The Company secured 8,5 million in funding (through different rounds) from a private investor representing one of the largest Italian energy groups, a venture capital investor (360° Capital Partners) and industrial partners located in Turin.