

PERSONAL INFORMATION

Andrea Baricci



📍 via Lambruschini 4a, 20156 Milano (MI)

☎ 0223993854

✉ -

WORK EXPERIENCE

From November 9th 2021
to now

PROFESSORE ASSOCIATO (associate professor)

Politecnico di Milano, Dipartimento di Energia SSD ING-IND/10

From November 9th 2018
to November 8th 2021

RICERCATORE A TEMPO DETERMINATO Senior (assistant professor)

Politecnico di Milano, Dipartimento di Energia SSD ING-IND/10

From October 5th 2015
to November 8th 2018

RICERCATORE A TEMPO DETERMINATO Junior (assistant professor)

Politecnico di Milano, Dipartimento di Energia SSD ING-IND/10

From May 23rd
to 27th 2016

VISITING RESEARCHER

At Technical University of Graz (TU-Graz)

From February 17th
to April 14th 2014

VISITING RESEARCHER

At Universidad de Castilla-La Mancha (UCLM), Ciudad Real, Spagna.

EDUCATION AND TRAINING

From October 1st 2011
to January 26th 2015.

PhD in ENERGY AND NUCLEAR SCIENCE AND TECHNOLOGY
awarded cum Laude

From October 2007
to October 21st 2010

MASTER of SCIENCE in ENERGY ENGINEERING / 110 e lode

From September 2004
to July 26th 2007

BACHELOR degree in ENERGY ENGINEERING / 110 e lode

Since 2010

License to practice as PROFESSIONAL ENGINEER (Italian
legislation/Section A)

PERSONAL SKILLS

Language(s)

Italian
English, proficient

Job-related skills

Experimental activity, research project management, teaching.

Digital skills

Use of computer programmes for numerical simulations and experimental activities.

ADDITIONAL INFORMATION

Scientific activity / International journals	<p>Author of 56 documents published in ISI Journals on hydrogen and electrochemical energy devices, h-index 19 with 1044 citations in Scopus.</p> <p>Scopus Author ID: 54382905900</p> <p>ORCID record: https://orcid.org/0000-0003-2331-7222</p>
Scientific activity / International conferences	<p>Speaker at international conferences on hydrogen and fuel cells topic since 2011. Member of international society of electrochemistry and electrochemical society.</p>
Prizes	<p>Winner of the Award at the Italian Virtual Workshop on Fuel Cells for the oral contribution (IVWFC 2021): <i>Degradation modelling of Polymer Electrolyte Membrane Fuel Cells in consequence of start-up - Effect of system-based mitigation strategies and validation with local electrochemical measurements</i>.</p> <p>First prize (Best Paper Award) at international conference European Fuel Cell Conference & Exhibition (EFC17) Napoli December 12th – 15th 2017 <i>Modelling analysis of degradation in low Platinum Polymer Electrolyte Membrane Fuel Cells</i>.</p> <p>The scientific commission of 5th European PEFC & H2 Forum 2015 in Lucerna attributed to the contribution <i>Experimental and modelling analyses of DMFC temporary degradation the Christian Friedrich Schonbein prize</i> "Contribution to Science Medal".</p>
Research activity	<p>Coordinates the activities for MRT Fuel Cell & Battery Lab in Politecnico di Milano on Polymer Electrolyte Membrane Fuel Cells with scientific responsibility for industrial projects and national/international research projects. Ongoing collaborations with international universities, research centers, industries and European consortia.</p>
Reviewer	<p>For international Journals: Nature Communications, Applied Energy, Applied Thermal Engineering, ChemElectroChem, Electrochimica Acta, Journal of Electroanalytical Chemistry, Energy, International Journal of Hydrogen Energy, Renewable Energy, ACS Applied Materials & Interfaces, Physical Chemistry Chemical Physics, International Journal of Heat and Mass, Renewable Energy, Ionics.</p>

According to law 679/2016 of the Regulation of the European Parliament of 27th April 2016, I hereby express my consent to process and use my data provided in this CV.

Autorizzo il trattamento dei miei dati personali ai fini dell'utilizzo del mio curriculum in base al Decreto Legislativo 30/06/2003 n. 196 e s.m.i. e al Regolamento UE 2016/679 e dichiaro di essere informato sui miei diritti).

November 29th, 2024 Milano

Andrea Baricci