

Antonio Barbucci

Associate professor

✉ barbucci@unige.it

☎ +39 1013536030

Education and training

1991

Laurea in Ingegneria Chimica

Studio elettrochimico di sistemi di protezione dell'acciaio - 110/110 e lode
Università degli Studi di Genova - Genova - IT

1994

Dottorato di Ricerca

Fenomeni all'interesse elettrodo elettroliti
Università degli Studi di Genova - Genova - IT

Academic experience

1999 - 2016

Assistant Professor

Università degli Studi di Genova - Genova - IT
Applied Electrochemistry corrosion and protection of metals energy systems.

2016 - ONGOING

Associate Professor

Università degli Studi di Genova - Genova - IT
Applied Electrochemistry corrosion and protection of metals energy systems.

Language skills

English

Proficient

Research interests

TEACHING

Antonio Barbucci teach undergraduate courses (Applied Chemistry and Material science) and master courses (Industrial Electrochemistry) in the Chemical Engineering School at the University of Genoa.

RESEARCH

The scientific activity of Antonio Barbucci has developed in the field of Electrochemistry and Materials Science. During last 15 years his attention

was devoted to electrochemistry applied to various classes of materials, from metals, intermetallics and ceramics, becoming acquainted with most of the electrochemical techniques which enables to investigate electrochemical systems and processes.

He was involved in several national, industrial and European projects at the Department of Chemical Engineering of the University of Genoa. Since 2006 the involvement in research projects has been extended with those related to energy systems of the Genoa unit of CNR-ICMATE, where Barbucci is in charge as associated researcher. These projects deal with the forming, sintering and electrical characterisation of ceramic materials for high temperature fuel cells and electrolyzers.

Among the international co-operations, the most important are those with the University of Barcelona (Spain), Ecole des Mines de Paris (France), Bulgarian Academy of Science in Sofia (Bulgaria), University of Bourgogne (France).

Antonio Barbucci is co-author of about 90 papers on international journals, about 80 presentations to International Conferences and operates as referee for several journals in the fields of electrochemistry. Since 2010 Barbucci is involved as expert in the evaluation of UE projects in the frame of FP7 and H2020 Marie Curie action. Since 2014 Antonio Barbucci is involved as expert in the evaluation of M-era.Net projects.

Activity in scientific committee of chain conferences like “International Symposium on Electrochemical Impedance Analysis – EIA” and “Symposium on Electrochemistry, South East Europe - RSE” together with other conference within the EU schemes