



Mauro Giorcelli, Ph.D

Work : Politecnico di Torino, Corso Duca degli Abruzzi 24, 10129, Torino, Italy

Email: mauro.giorcelli@polito.it **Phone**: (+39) 3387917983

Gender: Male **Date of birth**: 20/05/1977 **Nationality**: Italian

ABOUT ME

Enthusiastic Biochar Researcher for innovative applications: I like to amaze people by talking about the potential of this carbon material and immersing myself in new adventures.

Oh I forgot, among other things I am also a Professor of Physics at the Polytechnic of Turin (Italy)

WORK EXPERIENCE

[15/07/2021 – Current]

RTDB (Politecnico di Torino, DISAT): Tenure track holder for Associated Professor position

University

City: Torino

Country: Italy

- Research on Carbon Materials (Biochar)
- Research on Nanocomposites
- Research in Biorefinery products applications
- Teaching (Physics, Italian and English language)

[15/09/2020 – 15/07/2021]

Senior Researcher

IIT (Istituto italiano di tecnologia)

City: Torino

Country: Italy

- Research on Carbon Materials
- Research on H2 storage and transportation
- Research on CO2 storage and transportation

[15/03/2017 – 15/03/2020]

RTDA

Politecnico di Torino, DISAT

City: Torino

Country: Italy

- Research on Carbon Materials
- Research on Nanocomposites
- Research in Biorefinery products applications
- Teaching (Physics, Italian and English language)

EDUCATION AND TRAINING

[01/01/2005 – 28/02/2009]

PhD in Physics (XX cycle)

Politecnico di Torino - DISAT www.polito.it

City: Torino

Country: Italy

[01/09/1999 – 01/09/2004]

MSc Degree in Electronic Engineering

Politecnico di Torino - DISAT www.polito.it

City: Torino

Country: Italy

LANGUAGE SKILLS

Mother tongue(s): Italian

Other language(s):

English

LISTENING C2 READING C2 WRITING C2

SPOKEN PRODUCTION C2 SPOKEN INTERACTION C2

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

PUBLICATIONS

Links to updated publication lists

Scopus: <https://www.scopus.com/authid/detail.uri?authorId=15750644000>

Citations: 1874

h-index: 25

Google Scholar: <https://scholar.google.it/citations?hl=it&user=W1G5dgMAAAAJ>

Citations: 2464

h-index: 29

[2020] **Biochar: emerging application**

Book on the Emerging Biochar applications

Link: <https://iopscience.iop.org/book/edit/978-0-7503-2660-5>

NETWORKS AND MEMBERSHIPS

[01/01/2022 – Current] **Ichar Executive Board Member** Florence, Italy

Executive Board Member of the Italian Biochar association

Link: ichar.org

[01/01/2023 – Current] **EBI Board Member** Freiburg, Germany

Board Member of the European Biochar Industry association

Link: <https://www.biochar-industry.com/>

[01/01/2020 – Current] **INSTM Member** Florence, Italy

Member of National Interuniversity Consortium for Materials Science and Technology (INSTM)

Link: www.instm.it

PROJECTS

[01/10/2023 – 30/09/2025] **PRIN 2022 - ICELESS: Ice Control Enabled via a Low-Energy Smart System**

Carbon based sensors for de-icing systems. Budget 250k€