

PERSONAL INFORMATION **Gabriele Guglielmo Gagliardi**

WORK EXPERIENCE

- 09/2015–12/2015 **Editor of energy audits**
Techno S.r.l., Naples (Italia)
My activity was based on the systematic, periodic and reported evaluation regarding the efficiency of energetic systems related to the following companies:
- Max Mara FashionGroup
 - Manpower
 - Betty Blue

EDUCATION AND TRAINING

- 09/2017–03/2021 **Ph. D student in energy engineering**
University "La Sapienza", Roma (Italia)
- 10/2019-12/2019 **Teaching collaboration for the lecture of "Advanced energy conversion systems"**
- 02/2019-08/2019 **Visiting Ph.D student**
School of chemical engineering, Birmingham (UK)
Results: Development of multilayer membranes, Nafion-graphene oxide- Nafion, to improve the performance of direct methanol fuel cell.
- 14/09/2018-21/09/2018 **Partecipation in Jess Summer School**
Athens (GRC)
Results: Summer school about fuel cell electric vehicles
- 03/2017–09/2017 **Master EFER(energy efficiency and renewable sources)**
University "La Sapienza", Roma (Italia)

Thesis title: Influence of operating conditions in Direct methanol fuel cells (DMFCs)
The research is focused on the study of direct methanol fuel cells analysing their behaviour under various operating conditions that affect energy delivering, losses occurred and different electrical parameters.
- 09/2013–04/2015 **M. Sc. degree in chemical engineering**
University "Federico II", Naples (Italia)

PERSONAL SKILLS

Mother tongue(s) Italian

Foreign language(s)

UNDERSTANDING		SPEAKING		WRITING
Listening	Reading	Spoken interaction	Spoken production	
C1	C1	C1	C1	C1

Levels: A1 and A2: Basic user - B1 and B2: Independent user - C1 and C2: Proficient user
Common European Framework of Reference for Languages

Organisational / managerial skills Good organisational skills for individual and team work

Job-related skills Good analytical skills and problem solving

Digital skills

SELF-ASSESSMENT				
Information processing	Communication	Content creation	Safety	Problem solving
Independent user	Proficient user	Proficient user	Independent user	Proficient user

Digital skills - Self-assessment grid

- Good command of officesuite
- Good command of Aspen Plus
- Basic user of LabView and Fortran

Driving licence B

ADDITIONAL INFORMATION

- Publications
1. Gagliardi, G.G; Ibrahim, A.; Borello, D.; El-Kharouf, A. Composite polymers development and application for polymer electrolyte membrane technologies-a review. Molecules, Volume 25, Issue 7, 2020
 2. Borello, D.; Gagliardi, G.; Aimola, G.; Ancona, V.; Grenni, P.; Bagnuolo, G.; Garbini, G.L.; Rolando, L.; Barra Caracciolo A. Use of microbial fuel cells for soil remediation: A preliminary study on DDE. International Journal of Hydrogen Energy 2020. Article in press