

PERSONAL INFORMATION

Gabriele Di Blasio

 [Redacted]

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 gabriele.diblasio@stems.cnr.it - gabriele.diblasio@cnr.it

Sex Male | Date of birth [Redacted] | Country of birth [Redacted] | Nationality Italian

WORK EXPERIENCE

Oct 2020 – current

Researcher

STEMS – CNR, via Marconi, 4 Napoli

His main activities are focused on advanced methodologies and innovative technologies for low emission and high efficient propulsion systems; Green and Integrated vehicles.

Dec 2011 – Sep 2020

Researcher

Istituto Motori – CNR, via Marconi, 4 Napoli

His main activities are focused on advanced methodologies and innovative technologies for low emission and high efficient internal combustion engines.

Apr 2019 – current

SPP Officer

Istituto Motori – CNR, via Marconi, 4 Napoli

His main activities are focused on supporting the activity of the service of prevention and protection.

Dec 2011 – current

Technical Advisor

Court of Benevento

His main activities are focused on supporting the judges with technical reports.

Jan 2015 – March 2015

Contract Professor

Università degli Studi di Napoli Federico II

“Il motore: descrizione e principi di funzionamento” within the project research project “LOW NOISE: Nuove Tecnologie e Materiali per l’Abbattimento del Rumore degli Autoveicoli” Codice progetto PON 01_01878.

Nov 2008 – Nov 2011

Research Doctorate

Istituto Motori – CNR, via Marconi, Napoli - Università degli Studi di Napoli Federico II

In the field of New methodologies and technologies for the application of alternatives and innovative combustion and fuel injection modes, applying different fuels to compression ignition engines.

Sep 2006 - Feb 2009

Responsible Engineer R&D

ETRA SpA, via Brennero, Rovereto (Trento)

Development of an innovative dual fuel system for low emission and high efficient HD compression ignition engines.

EDUCATION AND TRAINING

Jan 2012

Doctorate in Mechanical Engineering

Università degli Studi di Napoli, Federico II, Facoltà di Ingegneria – Istituto Motori

▪ Thesis: Premixed combustion in a light-duty compression ignition engine through fuel and injection system design: an experimental approach. (Istituto Motori)

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Oct 2006 **Qualification in Professional Engineering** 7
 May 2006 **Degree in Mechanical Engineering (cum laudee)**
 Università degli Studi di Napoli, Federico II – Engineer Register of Benevento
 Università degli Studi di Napoli, Federico II, Facoltà di Ingegneria – Istituto Motori
 ▪ Certificate in Industrial Design sectors A-B-C.
 ▪ Thesis: Tecnologia mixed-fuel per motori ad accensione per compressione a minore impatto ambientale. (Istituto Motori)

PERSONAL SKILLS

Other languages

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	B2	B2	B2	B2	B2
German	B1	B1	A2	A2	A2

Levels: A1/2: Basic user - B1/2: Independent user - C1/2 Proficient user
 Common European Framework of Reference for Languages

ADDITIONAL INFORMATION

**Publications/Presentations
 Projects/Conferences**

Bullet Research Points:

Co-optimization of Alternative Fuels, Advanced combustion concepts and technologies.
 Advanced Propulsion System Technologies. Sustainable Energy Production and Mobility.

- Research activities belong to the “Advanced technologies for propulsion and energy conversion systems” research area. They are oriented to advanced technologies, alternative fuels and combustion concepts in internal combustion engines based powertrains. Medium-long term research activities focus on breakthrough fuels-technologies applications for sustainable mobility and energy production.
- Scientific lead or participant in more than 30 private and public projects (National and European) in cooperation with Universities, Research Centers and OEM automotive.
- Author of more than 80 scientific papers, technical reports, book chapters.
- Editor of books of Springer Nature Series
- Associate Editor, Handling Editor, Topic Editor and Guest Editor for SAE International Journal of Engines, SAE Technical Paper, Journal of Electrified vehicle, Energies, Fuels, Applied Science publishers and Organizer of sessions in World Conferences.
- Reviewer of more than 300 articles and books for Scientific Journals (SAE International, Energy, Energy Efficiency, Applied Energy, Fuel, Applied Thermal Engineering, Energies, Applied Science, Springer Nature, etc.).
- Evaluator as Expert for National Projects.
- B.sc, M.sc and PhD student advisor.
- Lab responsible and safety officer.
- Invited Speaker, presenter at National and International Conferences and Universities.

Main Research IDs:

- <https://orcid.org/0000-0001-6625-0289>
- <https://www.scopus.com/authid/detail.uri?authorId=55658197600>
- <https://publons.com/researcher/1428429/gabriele-di-blasio/>

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07 Ottobre 2020

Gabriele Di Blasio
