

PERSONAL INFORMATION

Rita Gamberini



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 <http://personale.unimore.it/rubrica/dettaglio/rgamberini>

Sex F | Date of birth 21/10/1976 | Nationality Italian

Enterprise	University	EPR
<input type="checkbox"/> Management Level	X Full professor	<input type="checkbox"/> Research Director and 1st level Technologist / First Researcher and 2nd level Technologist / Principal Investigator
<input type="checkbox"/> Mid-Management Level	<input type="checkbox"/> Associate Professor	<input type="checkbox"/> Level III Researcher and Technologist
<input type="checkbox"/> Employee / worker level	<input type="checkbox"/> Researcher and Technologist of IV, V, VI and VII level / Technical collaborator	<input type="checkbox"/> Researcher and Technologist of IV, V, VI and VII level / Technical collaborator

WORK EXPERIENCE

From 2018 **Full Professor of Industrial Mechanical Plants**

*University of Modena and Reggio Emilia. Department of Sciences and Methods for Engineering*

Expert in design and management of logistic systems and production plants, with a focus on sustainability of solutions proposed. In logistics, attention is paid to aspects like efficiency of mobility and quality of air. In production, the perspective used is finalized to assure the reduction of resources required (i.e. energy and primary materials). Management of regional, national and international research projects. Management of research and technology transfer groups.

Other activities  
from 2016

**Member of the Management board of the Institute for Transport and Logistics Foundation, as representative of the universities of the region**

<https://www.fondazioneitl.org/>

Organization focused on research and technology transfer activities in the field of transports, mobility, logistics for the Emilia Romagna region, with a focus on technical, social and environmental efficiency of final results proposed.

from 2017

**Vice-Director of the Inter-Departmental Center En&Tech, where, moreover, she is part of the research group focused on technology transfer in the context of sustainable logistics and production solutions. In 2019 she is Responsible of procedures for keeping requisites assuring the possibility to belong to the Regional Network of High Technology laboratories.**

<http://www.enetech.unimore.it/site/home.html>

Research and technology transfer center on design and management of energy efficient production and service plants, along with logistic sustainable solutions.

EDUCATION AND TRAINING

2005 **PhD in Management Engineering**

*University of Modena and Reggio Emilia*

A.A. 1999-2000 **Master degree in Management Engineering, cum laude**

*University of Bologna*

PERSONAL SKILLS

Mother tongue(s) Italian

Other language(s)	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	Independent user	Proficient user	Independent user	Independent user	Proficient user
Levels: A1/A2: Basic user - B1/B2: Independent user - C1/C2 Proficient user Common European Framework of Reference for Languages					
Digital skills	SELF-ASSESSMENT				
	Information processing	Communication	Contents creation	Safety	Problem solving
	Independent use	Proficient use	Independent use	Base use	Independent use

Driving license Driving license B

ADDITIONAL INFORMATION

**Publications** Rita Gamberini is co-author of 102 publications cited in SCOPUS database, with 1841 citations and *h*-index 23.

1. Marinello, S., Butturi, M.A., Gamberini, R., How changes in human activities during the lockdown impacted air quality parameters: A review. (2021) Environmental Progress and Sustainable Energy, 40(4), e13672. DOI: 10.1002/ep.13672
2. Marinello, S., Butturi, M.A., Gamberini, R., Martini, U., Indicators for sustainable logistic destinations: a critical review. (2021) Journal of Environmental Planning and Management, DOI: 10.1080/09640568.2021.1978407
3. Marinello, S., Lolli, F., Gamberini, R., Roadway tunnels: A critical review of air pollutant concentrations and vehicular emissions. (2020) Transportation Research Part D: Transport and Environment, 86, 102478. DOI: 10.1016/j.trd.2020.102478
4. Butturi, M.A., Lolli, F., Sellitto, M.A., Balugani, E., Gamberini, R., Rimini, B. Renewable energy in eco-industrial parks and urban-industrial symbiosis: A literature review and a conceptual synthesis (2019) Applied Energy, 255, art. no. 113825. DOI: 10.1016/j.apenergy.2019.113825
5. Marinelli, S., Lolli, F., Gamberini, R., Rimini, B. Life Cycle Thinking (LCT) applied to residential heat pump systems: A critical review. (2019) Energy and Buildings, 185, pp. 210-223. DOI: 10.1016/j.enbuild.2018.12.035

**Projects** With a European perspective:  
2013-2016: WEEENMODELS - Waste Electric and Electronic Equipment - New MODEL for Logistic Solutions (LIFE12 ENV/IT/001058). The project is focused on the collection and management of small WEEE. Rita Gamberini played the role of participant.

With a Regional perspective:  
2016-2018: "LUME PlannER – Tools per la pianificazione di viaggi sostenibili presso LUoghi storici, Musei, Eventi artistici e culturali dell'Emilia Romagna" (CUP: E82115002660002). The project, financed with the POR FESR funds, is focused on the design and implementation of innovative tools for smartphone and tablet for the promotion of a sustainable tourism in the Emilia Romagna territory. Rita Gamberini played the role of responsible of the project.

- "HEGOS - nuove pompe di calore per l'Harvesting EnerGeticO in Smart buildings ". The project, financed with the POR FESR funds, is focused on the design and implementation of an innovative heat pump. Rita Gamberini played the role of participant.

2019-2021: "WE LIGHT- WEearable LIGHTing for smart apparels". Project financed by POR FESR funds and focused on the design and manufacturing of innovative sport apparels equipped with led, for assuring a safer moving on streets. Rita Gamberini played the role of responsible of the project.

- "POLIcy Support systEm for smart citY data governancE - POLIS-EYE". Project financed by POR FESR funds and focused on the implementation of a platform for promoting sustainable development, including aspects like mobility. Rita Gamberini played the role of participant.

- "COVID – SKUNK" – Real-time identification system of gatherings of people via cellular network to prevent the spread of COVID. Rita Gamberini played the role of participant.