

PERSONAL INFORMATION **Ottorino VENERI**

 Via Guglielmo Marconi, 4 – 80125 Napoli (Italy)

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 Ottorino.veneri@stems.cnr.it

 [State personal website\(s\)](#)

Sex Male | Date of birth

Nationality Italian

WORK EXPERIENCE

- From 2021 – today
RESEARCH DIRECTOR
NATIONAL RESEARCH COUNCIL OF ITALY
STEMS - Via Marconi, 4 – 80125 Napoli - Italy
RESEARCH ON ELECTRIC SYSTEMS FOR SUSTAINABLE MOBILITY
- From 2019 – to 2020
FIRST RESEARCHER
NATIONAL RESEARCH COUNCIL OF ITALY
Via Marconi, 4 – 80125 Napoli - Italy
RESEARCH ON ELECTRIC SYSTEMS FOR SUSTAINABLE MOBILITY
- From 2014 – today
FULL PROFESSOR (*Docente d'Area in Convenzione CNR N. Prot. 7501 del 10/08/2018 (art. 6 comma 11 L.240/10)*)
INTERNATIONAL TELEMATIC UNIVERSITY UNINETTUNO
FACULTY OF ENGINEERING – MANAGEMENT ENGINEERING
CORSO VITTORIO EMANUELE II, 39 – ROMA - ITALY
COURSE: ADVANCED MANUFACTURING
- From 2001 – to 2019
RESEARCHER
NATIONAL RESEARCH COUNCIL OF ITALY
Istituto Motori - Via Marconi, 4 – 80125 Napoli - Italy
RESEARCH ON ELECTRIC SYSTEMS FOR SUSTAINABLE MOBILITY
- From 1999- to 2001
RESEARCH GRANT
UNIVERSITY OF NAPLES 'FEDERICO II' – FACULTY OF ENGINEERING
DEPARTMENT OF ELECTRICAL ENGINEERING
Via Claudio, 21 – 80125 Napoli - Italy
RESEARCH ACTIVITIES ON POWER CONVERTERS AND ELECTRICAL DRIVES

EDUCATION AND TRAINING

- From 1999- to 2001
PHD IN ELECTRICAL ENGINEERING
UNIVERSITY OF NAPLES 'FEDERICO II'
 - Via Claudio, 21 – 80125 Napoli - Italy
 - Specialization on Electric Drive and Machines
 -

- From 1999- to 2001 **DEGREE IN ELECTRICAL ENGINEERING**
UNIVERSITY OF NAPLES 'FEDERICO II'
 - *Via Claudio, 21 – 80125 Napoli - Italy*
 - Specialization on Electric Drive and Machines

PERSONAL SKILLS

Mother tongue(s)	Italian				
Other language(s)	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C1	C1	C2	C2	C2

PROJECTS

Director of European project:

European Project: ERASMUS+ - Internet of Energy - Education and Qualification [IoE-EQ]
N° 2017-1-IT01-KA202-006251

Director of WP in Main National and European Projects:

- *European Project:* Research and Innovation action H2020 Vision xEV (Virtual Component and System Integration for Efficient Electrified Vehicle Development) – N° LC-GV-2018 GA No. 824314;
- *European Project:* H2020 REPLICATE (Renaissance of Places with Innovative Citizenship and Technology);
- *National Project:* Ricerca di Sistema - Accordo di Programma CNR. – MISE.: Smart Cities & Smart Communities PAR 2015;
- *National Project:* Ricerca di Sistema - Accordo di Programma CNR. – MISE.: Mobilità Elettrica PAR 2013 – 2014;
- *National Project:* PON MICCA (Microgrid Ibride in Corrente Continua ed Alternata del Distretto ad Alta Tecnologia Smart Power System) - N° 2014-1-FR01-KA203-008560;
- *National Project:* Accordo di Programma C.N.R. – MISE: Sistemi elettrochimici per la generazione e l'accumulo di energia PAR 2011 – 2012;
- *National Project:* PON TESEO - Tecnologie ad alta efficienza per la sostenibilità energetica ed ambientale on-board - del Distretto NAVTEC (Distretto Tecnologico Trasporti Navali Commerciali e da Diporto Sicilia);
- *National Project:* Ritmare "Tecnologie Marine"; - Progetto Bandiera finanziato dal Ministero dell'Istruzione dell'Università e delle Ricerca (M.I.U.R.) – Unità Operativa SP1_WP2_AZ6_UO03;
- *National Project:* Ritmare "Tecnologie per la Pesca Sostenibile"; - Progetto Bandiera finanziato dal Ministero dell'Istruzione dell'Università e delle Ricerca (M.I.U.R.) - Unità Operativa SP2_WP3_AZ1_UO02;
- *National Project:* INDUSTRIA 2015- AMICO (Automazione e Monitoraggio Intelligente dei CONsumi) N° MI01_00142.

PUBLICATIONS

Authors of 2 books, published by Springer, and about 150 papers, presented in International peer

reviewed Conferences and published in specialized journals and conference proceedings.

Scopus Author ID: 8696403200

ORCID ID: [HTTPS://ORCID.ORG/0000-0002-2482-2784](https://orcid.org/0000-0002-2482-2784)

FIVE MAIN PUBLICATIONS IN THE LAST FIVE YEARS

Authors: Flavio Balsamo, Clemente Capasso, Davide Lauria, Ottorino Veneri

Title: *Optimal design and energy management of hybrid storage systems for marine propulsion applications*

ISI Journal: Applied Energy, Elsevier Volume 278, 15 November 2020, 115629.

Authors: Veneri, O., Capasso, C., Patalano, S.

Title: *Experimental investigation into the effectiveness of a super-capacitor based hybrid energy storage system for urban commercial vehicles*

Journal: Applied Energy, Elsevier Volume 227, 1 October 2018, Pages 312-323.

Authors: Capasso, C., Lauria, D., Veneri, O.

Title: *Experimental evaluation of model-based control strategies of sodium-nickel chloride battery plus supercapacitor hybrid storage systems for urban electric vehicles*

ISI Journal: Applied Energy, Elsevier Volume 228, 15 October 2018, Pages 2478-2489

Authors: Rubino, L., Capasso, C., Veneri, O.

Title: *Review on plug-in electric vehicle charging architectures integrated with distributed energy sources for sustainable mobility*

ISI Journal: Applied Energy, Elsevier Volume 207, 1 December 2017, Pages 438-464.

Authors: O. Veneri, C. Capasso, S. Patalano

Title: *Experimental study on the performance of a ZEBRA battery based propulsion system for urban commercial vehicles*

ISI Journal: Applied Energy, Elsevier Volume 185, Part 2, 1 January 2017, Pages 2005-2018.

EDITOR AND REVIEWER

Assistant Editor: Applied Energy (Elsevier),

Reviewer: Journal of Power Sources (Elsevier); Transactions on Vehicular Technology (IEEE); Energy (Elsevier); Transactions on Vehicular Technology (Elsevier); Transportation Research Part D (IEEE); Transactions on Industrial Electronics (IEEE), Batteries (MDPI); Energies (MDPI); International Transactions on Electrical Energy Systems (Wiley); etc.