

## PERSONAL INFORMATION

## Ottorino VENERI

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🌐 [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.