

Europass Curriculum Vitae

Personal information

Surname(s) / First name(s) **NASO Vincenzo**

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Nationality Italian

Date of birth 10 / XI / 1944 - NAPOLI (NAPLES, ITALY)

Work experience

Dates From 1986

Occupation or position held Full professor of *Sistemi energetici* (Energy Conversion Systems) at Faculty of Engineering of Sapienza Università di Roma

Dates 1972 - 1986

Occupation or position held Associate Professor of *Macchine e Macchine Speciali* (Engines and Advanced Engines) at Faculty of Engineering of Ancona University (1972-78) and Faculty of Engineering of the University of Sapienza Università di Roma (1978-86)

Dates 1969 - 1972

Occupation or position held Assistant Professor at the Sapienza Università di Roma

Education and training

Dates From October 1969
To October 1972

Title of qualification awarded Ph.D. Course at School of Aeronautics and Aerospace Engineering

Name and type of organisation providing education and training Sapienza Università di Roma

Title of qualification awarded Master of Science Degree in Mechanical Engineering

Name and type of organisation providing education and training Faculty of Engineering - Sapienza Università di Roma

Personal skills and competences

Mother tongue(s) **Italian**

Self-assessment	Understanding		Speaking		Writing
	Listening	Reading	Spoken interaction	Spoken production	
English	C2	C2	C2	C1	C2
French	B2	C2	B2	B2	B1
Spanish	B2	C2	B2	B2	B2

(*) *Common European Framework of Reference for Languages*

Organisational skills and competences Director of the Interuniversity Research Centre for Sustainable Development (CIRPS); General President of associazione Termotecnica Italiana; Honorary President of ISES ITALIA, the Italian Section of the International Solar Energy Society; Dean of 3 Master Courses and 1 International Master Course on Energy Management and Sustainable Development; Director of a Ph. D. Course on Clean Energy Technologies and a Ph.D. Course on International Sustainable Cooperation; Energy Manager (Consultant) of several Municipalities, Companies, Industries and Public Institutions as Universities, Hospitals, Schools. Advisor of Italian Ministries of Environment, Industry and Energy, University and Research. Expert for European Commission Programs (Thermie, VI and VII FP). Long and deep experience in international cooperation and International and EU projects.

Technical skills and competences

Full professor of Energy Conversion Systems at the Department of Mechanical and Aeronautical Engineering of Sapienza Università di Roma. Main fields of research and technical expertise:

- Energy Conversion Systems:
 - *Conventional*: Reciprocating internal combustion engines; Hot air (Stirling) external combustion engines; Turbomachineries; Refrigerating and cryogenic machines; Compressors and pumps
 - *Advanced*: CHP; Heat pumps; Advanced technologies in Energy Conversion Systems
- New and Renewable Energy Conversion Systems:
 - Hydrogen production from renewable energy sources
 - Solar thermal at low and medium temperature
 - Biomass
- Energy saving in industry, transport and other end uses
- Clean technologies for sustainable development.
- Sustainability Science
- Environmental and social impact of energy systems
- International co-operation and technology transfer and innovation

Associations and Institutions Membership (relevant for the proposed action)

- Interuniversity Research Centre for Sustainable Development (CIRPS), Sapienza Università di Roma, (Director), Italy;
- Ph. D. Course in “Energy and Environmental Technologies for Sustainable Development”, Sapienza Università di Roma, (Dean of Ph.D. Council);
- Ph. D. Course in “Energetics: Conventional, Nuclear, New and Renewable Energies Engineering”, Sapienza Università di Roma, (Member of Ph.D. Council);
- Department of Mechanical and Aeronautical Engineering at Sapienza Università di Roma (former Director);
- CIRPS CONSORTIUM for International Co-operation and Sustainable Development, Italy;
- American Society of Mechanical Engineering (ASME) (Member);
- Northumbria University (Visiting Professor);
- Society of Automotive Engineering (SAE);
- International Stirling Engine Committee (ISEC) (President);
- ISES ITALIA, Italian Section of the International Solar Energy Society – (Honorary President), Italy;
- Associazione Termotecnica Italiana (A.T.I.), (General President), Italy;
- International Centre for Heat and Mass Transfer - ICHMT (Member);

**Publications
(Relevant for the
proposed action)**

- n.3 book on Energy systems in the era of energy vectors, Ed. Springer (2010)
 - n.2 books on Innovative Energy Conversion Systems and Clean Technologies (in Italian);
 - n. 1 book on Stirling Engines (both in Italian and in English); Ed. ESAMED, Milan
 - n. 1 Handbook on Energy Saving in Small and Medium Enterprises (both in Italian and in English);
 - n. 215 Scientific Papers at international or Italian levels (Journals, Proceedings of International or Italian Conferences with Referees, Workshops) on subjects dealing with the above-mentioned research topics;
 - n. 25 Technical Notes for educational purposes, addressed to Master and Ph.D. students in Energy, Industrial Systems, Environment, Sustainable Development, and Technology Transfer.
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