Sergio Sibilio short CV

Sergio Sibilio, born in Naples on 10.10.1960, is full professor of Applied Thermodynamics at the Department of Architecture and Industrial Design; he teaches in the courses of Built Environment Control (Master's degree Course - Architecture) and Lighting Design (Master's Degree Course – Design for Innovation).
Graduated in mechanical engineering, at the Faculty of Engineering of the University of Naples FEDERICO II, in July of 1986 with vote 110/110 cum laude he subsequently obtained the qualification as professional engineer; he has been admitted to practice as an Engineers and is enrolled in the Engineers Register of the Naples District.

In 1990 he got the PhD title with a dissertation on Thermodynamic Analysys of Vapour Compression Inverse Cycle and in 1991 he won a scholarship for post-doctoral research activities at the University of Ancona. From the same year, he served at the Faculty of Architecture of the University of Naples FEDERICO II, first as a researcher, and later as Associate professor.
He is a member of the PhD College in "Architecture, Industrial Design and Cultural Heritage" and member of the Technology Transfer Commission of the University of Campania "Luigi Vanvitelli".
He was elected as full professors' representative in the Board of Directors of the Second University of Naples.
It is member of the national Commission for evaluation and assessment of scientific qualification for University Professor position recruiting based on scientific qualification criteria.

He has held lectures and seminars at foreign universities in the framework of ERASMUS Mobility (Universidad de Málaga e Yildiz Technical University) and has served as reviewer (Applied Thermal Engineering, Solar Energy, Energy and Building, Applied Energy, Journal of Cleaner Production, Journal of Building Performance Simulation, International Journal of Ambient Energy, Energy Efficiency, Springer Book, Journal of Advance in Energy, Renewable & Sustainable Energy Reviews) and Editorial Board member for international journals.
He is a member of the ISES (International Solar Energy Society), the Italian Association of FISICA TECNICA (Applied Thermodynamics) and the International Building Performance Simulation Association (IBPSA) Italy section.

He joined to the working groups of Annex 42 (The Simulation of Building-Integrated Fuel Cell and Other Cogeneration Systems) and Annex 54 (Analysis of Micro-generation and Related Energy Technologies in Buildings) of the IEA (International Energy Agency); he is currently a member of the IEA SHC Task 61/EBC Annex 77 (Integrated Solutions for Daylight and Electric Lighting) Working Group.
He has been a member of scientific committees of International Masters (Experts in acoustics and noise control) and International Congresses (2nd International Conference on Microgeneration and Related Technologies-MICRoGEN ' II ", 4th International Symposium on Electrical and Electronics Engineering ISEEE, ELPIT 2015 and 2017, 1st AIGE/IIETA International Conference, ICONRER-2017, 1st International Congress on Sustainability in Architecture, Planning and Design "Beyond all Limits".
He was Co-Chair of the "3rd International Conference and Workshop on Micro-cogeneration Technologies and Applications" MICROGENIII held in Naples from 15 to 17 April 2013.

He has participated as a Component/Head of Research unit for projects funded at local and national level in the framework of industrial research and pre-competitive development.
He is the co-author of two patents for industrial invention covering monocomponent and bicomponent tiles with or without photovoltaic module.
He has been appointed as expert evaluator both nationally and international (FP7, ENPI CBC, IPA ADRIATICO , Repubblica Ceca - Operational Programme Research and Development for Innovation, COST, EUROSTAR, Innovation Fund Denmark's Large-Scale Projects, EeB-CA2) on industrial research and pre-competitive development projects.

He is the author of 2 printed volumes and more than 200 scientific publications (https://iris.unicampania.it/) presented at national and international conferences and journals, concerning the fields of Applied Thermodynamics, Lighting, Energy saving in Building and Environment.
It provides consultancy activities for public administration and private companies in the design of building services and mechanical plant as well as energy saving systems based on trigeneration systems and renewables sources; he was member of committee in charge for the selection of best proposals in public and private tenders.