

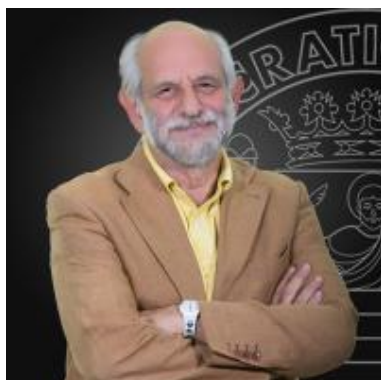


Professore emerito Università degli studi di Salerno

PAOLO CIAMBELLI

FIELD
CHEMICAL
ENGINEERING
(INDUSTRIAL AND
TECHNOLOGICAL
CHEMISTRY)

DEPARTMENT
INDUSTRIAL
ENGINEERING



Short CV

- **1970** “LAUREA” in Chemical Engineering at the University of Napoli Federico II
- **1972** Assistant Professor in Chemical Plants at the University of Napoli Federico II
- **1982** Associate Professor in Industrial Chemistry at the University of Napoli Federico II
- **1990.** Full Professor in Industrial and Technological Chemistry at the University of Salerno
- **1991-1994** and **1996-2002** Head of the Department of Chemical and Food Engineering at the University of Salerno
- **1995-2005** Member of the Scientific Council of the CUGRI (Consorzio Università Grandi RIschi).
- **1997-** Member of the Italian Chemical Society, American Chemical Society, and American Institute of Chemical Engineering (AIChE)
- **2000-2002** Member of the Board of Directors of the Interdivisional Catalysis Group (GIC-SCI)
- **2001- 2004** President of AIZ, The Italian Zeolite Association
- **2003-2009** Member of the Academic Senate of the University of Salerno
- **2006-2008** President of the Scientific Committee of University of Salerno (Industrial Engineering).
- **2007-2015** Coordinator of the PhD School in Chemical Engineering at the University of Salerno
- **2008-2012** Co-founder and Director of NANO_MATES, Interdepartmental Research Centre for Nanomaterials and Nanotechnology at the University of Salerno

- **2009-2012** Coordinator of the PhD School in Science and Technologies for chemical, pharmaceutical and food industry
- **2010-2012** Faculty member of the International PhD School in Nanoscience and Nanotechnologies (University of Salerno - Jacobs University of Bremen)
- **2012** - Head of the South Section of the Italian Association of Chemical Engineering (AIDIC)
- **2013**- Co-founder and CEO of NARRANDO Srl, former spin off of NANO_MATES Centre, University of Salerno
- **2016**- Professor Emeritus at University of Salerno
- **2019**- Member of the European Association of Professors Emeriti (EAPE).
- **2021**- Member of Board of Directors of EAPE

CONTACTS
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- **Awards :**
 - **2011** NYBORG MAT "Nano Hybrid Organic Inorganic Materials": 1° Prize Award StartCup Campania,
 - **2012** NARRANDO "NAⁿo caR^bon_RA^diation Dosimeter": 1° Prize Award StartCup Campania
 - **2012** NARRANDO, First Prize National Award for Innovation, Life Sciences Section
- **Scientific interests:**

Processes and materials for the chemical industry, energy, environment. Catalytic reforming and selective oxidation to ethylene, hydrogen, styrene. Heterogeneous photocatalysis for chemical synthesis and wastewater treatment. DeNO_x, DeSO_x, soot filtration of fixed plant and engine exhaust. Synthesis, characterization, application of nano materials (metal and metal oxide nanoparticles, nanocarbons, natural and synthetic zeolites, layered molybdenum disulphide and phosphates, polymer nano composites, nano lubricants, nano adhesives). Methane catalytic combustion, fuel cells, supercapacitors. Leather tanning processes. Safety (modeling fire and explosion in tunnels). Food storage packaging. Drug delivery nano vectors. Chemical engineering applied to medicine. Antimicrobial and antiviral treatment of rigid and flexible surfaces. Drug delivery nano vectors.
- **Selected research projects responsibility:**
 - FP7-ICT-2007-1: Carbon nAnotube Technology for High-speed nExt-geneRation nano-InterconNEcts (CATHERINE)



UNIVERSITÀ DEGLI STUDI DI SALERNO



- FP7-NMP-2008-LARGE-2: The development and scale-up of innovative nanotechnology-based processes into the value chain of the lubricants market (AddNano)
- FP7-NMP-2010-LARGE-4: Catalytic membrane Reactors based on New materials for C1-C4 valorization (CARENA)
- FP7-SEC-2009-STREP: Drugs and Precursors Sensing by Complementing Low Cost Multiple Techniques (CUSTOM)
- MINISTERO AFFARI ESTERI-ITALY-ISRAEL R&D Cooperation Program Project: Enhancing Lubricating Greases with Nano-sized Inorganic based Additives (NANOGREASE) 2010-2012
- Horizon RISE: Multifunctional Graphene-based Nanocomposites with Robust Electromagnetic and Thermal Properties for 3D-printing Application (Graphene 3D) 2017-2021
- Horizon RISE Marie-Curie: Dirac Semimetals based Terahertz Components (DiSeTCom) 2020-2022
- Horizon Europe RISE Marie-Curie : Fluorescent nanoprobes for super-Resolution Imaging and sensing (FLORIN) 2024-2026

Publications and Patents:

Co-author of 381 publications (Scopus, 2024) on books and international journals and 16 patents, h-index 51. He is within the top 2% of world scientists (Stanford/Elsevier 2025).

A LIST OF THE LAST 200 PUBLICATIONS IS ATTACHED TO THIS CV

A LIST OF THE PATENTS IS ATTACHED TO THIS CV