

CV
Marco E. RICOTTI

Full professor of Nuclear Power Plants at Politecnico di Milano, Department of Energy.

Education:

MSc in Nuclear Engineering, PhD in Science and Technology in Nuclear Plants at Politecnico di Milano (POLIMI).

Areas of Expertise:

Nuclear Engineering, Nuclear Safety, Thermal Fluid Dynamics, Numerical Simulation, Economics, Innovative and Small-Medium Modular Nuclear Reactors (SMR).

He is and was involved, also at coordination level (as CIRTEN consortium or as POLIMI) in several R&D projects, funded by EURATOM.

He is Author of more than 230 publications on international journals and international conference proceedings. He is co-owner of an international patent on nuclear reactor safety systems for an SMR.

Other activities on SMRs: involved in the international IRIS SMR development since the beginning of the project (1999) – on design, modelling and experimental activities; R&D activities on LFR design (ALFRED project – EU); consultant for the FlexBlue project (DCNS – France); collaboration with NuScale project (USA); collaboration with Nuward SMR project (EdF – France); consultant for IAEA on SMRs.

Education & Training activities:

- Teacher of “Introduction to Nuclear Engineering” (10 ECTS) course, MSc in Nuclear Engineering at POLIMI.
- Lecturer on Nuclear Engineering at St.Petersburg Polytechnic University (Russian Federation).
- Director and Scientific Committee coordinator of the Specialising Master on “Nuclear Safeguards” (organised with ENEN – European Nuclear Education Network).
- Co-Director of “Nuclear Project Management” short-courses for professionals and nuclear industries, in collaboration with MIP-Business School of Politecnico di Milano.
- Past Co-Director of the “Executive Master in Nuclear Plant Construction Management” (master-after-master, 60 ECTS), for the National Association of Industrial Plant Enterprises.

Scientific and Institutional activities:

- President of the Governing Council of CIRTEN - Inter-University Consortium for the Technological Research on Nuclear Energy (2016-today).

- Chairperson of the IAEA Technical Working Group on Small Modular Reactors (IAEA TWG-SMR) (2018-2021; 2022-today).
- Member of the International Advisory Board of Nuward (EdF) SMR project (2021-today).
- Member of the High Scientific Council of the European Nuclear Society – ENS (2012-today).
- Member of the Steering Committee of ESARDA – European Safeguards Research & Development Association (2021-today).
- POLIMI representative in SNETP – Sustainable Nuclear Energy Technology Platform (2020-today).
- Member of the Council of Advisors of the “Global Forum on Nuclear Education, Science, Technology and Policy”, an OECD-NEA initiative (2021-today).
- Appointed President of SOGIN (SOcietà Gestione Impianti Nucleari), the State Company in charge of the decommissioning of the Italian nuclear power plants (2016-2019).
- Past President of the European Council Working Party on Atomic Questions (Italian Semester EU Presidency, 2014 Jul-Dec).
- Past member of the Italian Nuclear Safety Agency (2010-2011).
- Past member of the Editorial Board of EPJ N (The European Physical Journal - Nuclear Sciences & Technologies, EDP Sciences).
- Member of Scientific and Programme Committees of International Conferences (HND, TOPSAFE, ENC, NURETH, NUTHOS).
- Scientific consultant for the International Atomic Energy Agency (IAEA).
- Member of the Board of Directors of SIET SpA (experimental labs).
- Member of the Board of Directors of ITALCERT (Quality Assurance and Quality Certification Body).
- Member of the faculty of the PhD programme “Energy and Nuclear Science and Technology” at Politecnico di Milano.
- Other institutional activities at Politecnico di Milano: member of the Board of Governors (2016-2018), past Rector’s Delegate for Research (2011-2016), past Deputy Head of the Department of Energy (2008-2015), past member of the Academic Senate and of the Academic Evaluation Board. Member of the Board of Governors of spin-off companies.

Info on POLIMI-Nuclear Reactors Group:

www.nuclearenergy.polimi.it

List of Publications:

browse on

<https://re.public.polimi.it/>

(direct link:

<https://re.public.polimi.it/browse?type=author&order=ASC&rpp=20&authority=rpo8642#.XkAnjRd7kWo>*)*

May 2022

I authorise the use of my CV, according to the Italian Law (D. Lgs. 196/2003).