

Maria Antonietta Aiello

Full Professor of Structural Engineering

Department of Engineering for Innovation

University of Salento, Lecce, Italy

She received her B.S. with Honors in Civil Engineering at the University of Calabria.

In 1992, she won a one year post-graduate scholarship, developing her activity at the University of Guildford, U.K.

In September 1998 she received her PhD in “Composites Materials for Civil Applications”.

In 1996 she became Structural Engineering Researcher at the Faculty of Engineering of the University of Lecce, where she turned into Full Professor of Structural Engineering in 2011.

She is Delegate of the Rector for Facilities Management and Planning

She was member of the Scientific and Technical Committee of the Service for Orientation, Formation/Training and Tutoring of the University of Lecce and she was member of the National Committee of Admission Test for the Faculties of Engineering and Architecture.

She was member of the Council of Department of Engineering for Innovation, University of Salento and Head of the Didactic Council of Civil Engineering.

She is member of the Council of the Doctorate “Engineering of Materials, Structures and Nanotechnology at the University of Salento.

She is Director of the Laboratory of Structural Mechanics and Structural Engineering of the University of Salento and Coordinator of the Structural Engineering team.

She is associate member of the ITC-CNR (Institute of Technologies for Construction- National Research Council).

She was member of the Gender Equality Committee.

She hold/is holding the following courses: Structural Engineering, Design of Structures under Seismic Loading Conditions, Structural Design.

She has participated to numerous National and International Conferences and, for some of them, she was member of the Scientific or Organizing Committee. She was Coordinator of Specialist Workshop and Seminar in the field of Structural Engineering.

She is/was member of the fib Committee, “Bond between Reinforcement and Concrete”, of the RILEM TC “Composites for sustainable strengthening of masonry”, of the COST Action TU1207, of the T.G. RILEM TC MSC – Masonry Strengthening with Composite Materials. She is Chair of the RILEM TC-IMC (Inorganic Matrix Composites). She has contributed to the assessment of technical documents concerning the design and qualification of new materials (FRCM, CRM, FRP) for strengthening existing structures within the CNR (National Research Council), the national Higher council of public works as well as within ACI and RILEM.

She is/was involved and in some cases Scientific Coordinator of different Research Projects; she is reviewer for several international journals.

The main research fields, in which she worked and/or is still working, are: retrofitting of existing RC and masonry structures with innovative material systems, seismic vulnerability of existing structures, short and long term behavior of FRC beams, use of recycled materials in concrete elements.

She wrote 325 scientific publications, more than 235 of which published on International Journals and Proceedings of International Conferences.