

LUIGI MAFFEI, PHD, PROFESSOR

Dipartimento di Architettura e Disegno Industriale
Università della Campania “Luigi Vanvitelli”
E-mail: luigi.maffei@unicampania.it

Education and training

- Ph.D. on Architectural Acoustics at the University of Ancona, year 1986, with final thesis on Ray Tracing Methods.
- M.Sc. in Mechanical Engineering at the University of Naples Italy, year 1980, with final thesis in Acoustics and Vibration Control and scholarship of the Research Institute of Mechanical Engineering (Fiat-Olivetti) of Vico Canavese (To).
- High School Certificate at Daramalan College of Canberra, Australia, year 1974.

Work experience

- Full professor of Technical Physics (Applied Acoustics, Lighting, Building Environmental Control) at the Department of Architecture and Industrial Design of the Università degli Studi della Campania Luigi Vanvitelli (former Seconda Università di Napoli) , since year 2000.
- Associate Professor at the University of Napoli Federico II, Faculty of Engineering from year 1993 to 2000.
- Associate Professor at the University of Parma, Faculty of Engineering from year 1992 to 1993.
- Assistant Researcher at the University of Salerno, Faculty of Engineering from 1986 to 1992.

Academic responsibilities

- Director of the Department of Architecture and Industrial Design of the Università degli studi della Campania Luigi Vanvitelli for the years 2016-2018 and 2019-2021;
- Member of the Academic Senate, years 2016-2018 and 2019-2021;
- Director of the Inter Departmental Center on Built Environment Control at the Faculty of Architecture of the Università degli Studi della Campania Luigi Vanvitelli years 2006-2012;
- Director of the Master on Acoustics and Noise Control at the Università degli Stidi della Campania Luigi Vanvitelli years 2002-2008;
- Rector Delegate for the International Affairs of the Università degli Studi della Campania Luigi Vanvitelli years 2006-2009.
- Member of the Patent and Spin off policy group of the Università degli Studi della Campania Luigi Vanvitelli years 2006-2015.
- Member of the Board of “Quality Assurance System Center” of the Università degli Studi della Campania Luigi Vanvitelli years 2005-2010.
- Member of the Board of the Inter-University Research Center on Cultural Heritage, Economy, Ecology “Benecon scarl” (Università degli Studi della Campania Luigi Vanvitelli, Naples Federico II, Salerno, Sannio).

International Didactic experiences

- Coordinator of the joint international Master on Acoustics and Noise Control between Università degli Studi della Campania Luigi Vanvitelli (Italy) and Yildiz Technical University of Istanbul (Turkey) for academic year 2006-2007, project co-funded by Italian Ministry of University and Research.
- Coordinator of the joint international Summer School on "Built Environment Control" Università degli Studi della Campania Luigi Vanvitelli (Italy) and Togliatti State University (Russia) for academic year 2009-2010, project co-funded by Italian Ministry of University and Research.
- Co-coordinator of the EAA European Acoustics Association Summer/Winter School Program on Acoustics, Ljubljana (Slovenia) September 2010, Meran (Italy) March 2013.

International research projects

- Chair of the WG5 of the project EU-COST TD0804 "Soundscape of European Cities and Landscapes", years 2009-2013.
- Scientific Coordinator for Università degli Studi della Campania Luigi Vanvitelli of the ITN Marie Curie Project "SONORUS- Urban Sound Planner" FP-7, years 2012-2016.

National research projects with public entities

Ministry of University and Research

Scientific coordinator of National Interest Research Projects PRIN

- year 2003: Acoustics of large spaces for musical performances
- year 2005: Resources for the acoustical and visual fruition, safeguard and valorization of ancient theatres
- year 2008: Acoustics and safety in schools

Università degli Studi della Campania Luigi Vanvitelli

- Scientific Coordinator of the Relevant Research project for year 2009: New methodologies for the audio visual assessment of project in urban and extra-urban contexts

National institute for occupational safety and prevention, ex ISPESL

- Scientific Coordinator of the Research Project B 1-4/DIL/04, year 2005 Noise inside schools and its effects on pupils and teachers.

Institute for Environmental Protection and Research, ISPRA

- Scientific Coordinator of the Research project 09_001_STUDI_ISPRA, year 2009: Innovative methodologies for the noise impact assessment of infrastructures.

International Scientific Activities

- President elect of the I-INCE International Institute of Noise Control Engineering years 2020-2022
- Vice President I-INCE from year 2010 to year 2019.
- President of the European Acoustics Association, EAA (year 2008 to 2010).
- General Secretary of the European Acoustics Association, EAA (year 2004 to 2007).
- Technical Co-Chairman of INTERNOISE 2019 48th International Conference and Exhibition of Noise Control Engineering, Madrid, Spain, June 16-19, 2019
- Technical Co-Chairman of INTERNOISE 2016 45th International Conference and Exhibition of Noise Control Engineering, Hamburg, Germany, August 21-24, 2016



- General Chairman of Euronoise 2003 European Conference on Noise Control, Naples May 19-21, 2003.
- Chairman of structured sessions on Classroom Acoustics, on Soundscape and on Urban Sound Planning at International Conferences (Euronoise, Internoise, ICA, Forum Acusticum, Asa meetings).
- Advisory Committee member of international conferences.
- Keynote lectures at International Congresses: FIA 2008 (Buenos Aires), ICSV 2009 (Krakow), UNTREF 2010 (Buenos Aires), Tecnicacustica- EAA Symposium 2011 (Caceres), Forum Acusticum 2014 (Krakow).
- Member of the Working Group of the I-INCE (International Institute on Noise Control) on "School Acoustics" year 2001-2005.
- Member of the Acoustical Society of America.
- Associate Editor of International Journal Acta Acustica united with Acustica

National Scientific Activities

- President of the Acoustical Society of Italy (2014-2017), VicePresident (year 2018-2020), General Secretary (year 1998 to 2001).
- Member of AIA Board since 1998.
- Member of the Scientific Committee of the CIRA (Italian Aerospace Research Center) (year 2000-2004).
- Member of the Working Group on "Guidelines for noise control in working places" of the National institute for occupational safety and prevention, ex ISPESL.
- Chairman of the AIA (Acoustical Society of Italy Conference) in year 2006 (Ischia)

Awards

- In year 2009 he received the award Caracola de Sociedad Española de Acústica for his outstanding activities in Europe towards "acoustic studies and research".
- In year 2014 he received the EAA European Acoustics Association Award for the promotion of acoustics in Europe.

Editorial Activities

- Associate Editor of the international scientific journal *Acta Acustica United with Acustica* of EAA European Acoustics Association
- Member of the Advisory Editorial Board of the international scientific journal *Archives of Acoustics* published by Polish Academy of Sciences, Institute of Fundamental Technological Research, Polish Acoustical Society
- Member of the Advisory Editorial Board of the international scientific journal *Noise Mapping* published by De Gruyter
- Member of the Scientific Committee of the Journal RIA (Rivista Italiana di Acustica).

Publications

Author of more than 300 scientific papers on acoustics and noise & environmental control published in international and national journals, and in the proceedings of international and national congresses