

## Curriculum Vitae

### Prof. ing. MASSIMILIANO MASULLO

Born in Naples

Since 2017 is Associate Professor at the Department of Architecture and Industrial Design, Università degli Studi della Campania "Luigi Vanvitelli".

He worked in the fields of psychoacoustics, air conditioning system design, environmental impact assessment, room acoustics and noise at work.

He is a member of the AIA (Italian Acoustic Association) and the Italian Association of FISICA TECNICA (Applied Thermodynamics).

#### EDUCATION AND TRAINING

- M.Sc. in *Mechanical Engineering*, University of Naples "Federico II", Italy, 2002;
- M.Sc. in *Acoustics and Noise Control*, Second University of Naples, Italy, 2005;
- Short Term Scientific Mission in *Measurement and Analysis of Soundscapes*, Head Acoustics GmbH, Aachen, Germany, 2010;
- Summer School in *Soundscape, Building Acoustics e Psychoacoustics*, European Acoustic Association (EAA), Ljubjana, Slovenia, 2010;
- Winter School in *Cutting Edge in Spatial Audio*, European Acoustic Association (EAA), Merano, Italia, 2013;
- School in *Visualization & Auralization*, Chalmers University of Technology, Göteborg, Svezia, 2015;
- Summer School in *Computational soundscape analysis*, Seconda Università degli Studi di Napoli, Sorrento, Italia, 2015.

#### TEACHING

Actually, he teaches in the courses of: *Application of Acoustics, Lighting and Energetic* (Master's degree Course - Architecture); *Multisensorial design* (Master's Degree Course Design and Communication), *Prevention of Indoor Pollution* and *Prevention and protection of risks* (Prevention techniques in the Environment and Workplaces).

He is a member of the PhD College in "Architecture, Industrial Design and Cultural Heritage" of the University of Campania "Luigi Vanvitelli".

He has held lectures and seminars at foreign universities in the framework of Mobility Programmes (Yildiz Technical University, Istanbul, Turkey and Kyushu University, Fukuoka, Japan).

#### RESEARCH

His currently research activities are focused on noise exposure and comfort of individuals indoor and outdoor: Simulation, development and application of new methodologies for the assessment of noise impact; Occupational and extra-professional noise exposure; Psychoacoustic and noise comfort; Soundscape; Acoustic materials and architecture.

Author of more than 125 scientific papers, on acoustics and noise & environmental control, published in international and national journals, and in the proceedings of international and national congresses

He served as reviewer for several international scientific journals (Renewable & Sustainable Energy Reviews; Building and Environment; Applied Acoustics; Sustainable Cities and Society; Landscape and Urban Planning. Journal of Wind Engineering & Industrial Aerodynamics - Elsevier; Acta Acustica united with Acustica - S. Hirzel Verlag; Multimedia Tools and Applications - Springer; IEEE/ACM Transactions on Audio, Speech, and Language Processing - IEEE Signal Processing Society; Buildings, MDPI).

Chairman of structured sessions on: Noise and multisensory perception; Virtual Reality, Noise Control and Sound Quality at International Conferences (Internoise, International Congress on Sound and Vibration).

Editor of the Rivista Italiana di Acustica (Italian Acoustic Association Journal). Member of the Editorial board of Acoustic in Practice (International e-Journal of the European Acoustics Association EAA).

Member of the research group of the Università degli Studi della Campania "Luigi Vanvitelli" of several research projects:

- 2009-2013: Soundscape of european cities and landscapes (EU-COST TD0804)
- 2010-2012: Acoustics and safety in schools (Ministry of University and Research. PRIN 2008)
- 2012-2016: SONORUS- Urban Sound Planner (FP-7- ITN Marie Curie Project)
- 2018-2020: WALLED: "Smart LED&OLED" per Lighting e MediaBuilding (Horizon 2020 - PON 2014/2020)
- 2019-2020: Development of noise perceptions model for high-rise high dense city environments with restricted views of vision (Hong Kong Polytechnic University - GRF 2017)
- 2019-2022: PROTOTIPI DI SCUOLE DA ABITARE - PROSA nuovi modelli architettonici per la costruzione, il rinnovo e il recupero resiliente del patrimonio edilizio scolastico e per costruire il futuro, in Italia (Ministry of University and Research. PRIN 2017)
- 2018-2020: HVAC sound quality inside cars cabins (Collaborative Research Project with Kyushu University, Japan).
- 2018-2020: Quiet places in historical centers (Collaborative Research Project with Eskisehir Technical University, Turkey).