

Curriculum Vitae

INFORMAZIONI PERSONALI

Nome MANFREDI
Cognome SAELI
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AMBITI DI RICERCA

Dr. Manfredi Saeli, PhD in Architectural Engineering, engineer and architect (EU certifications), joined the Department of Architecture (D'ARCH) of the University of Palermo (Italy) in August 2019 (RtdA, S.C. 08/C1, S.S.D. ICAR/10) in the framework of the PON "Research and Innovation 2014-2020", Action 2.1 "AIM: Attraction and International Mobility" (D.D. 407/2018).

He is currently Assistant Professor of Architectural Technology for the Course of Study in Construction Engineering and Architecture.

National Scientific Habilitation for the role of Associate Professor (Senior Lecturer) in Macro-sector 08/C1 "Design and Technological Planning in Architecture", Scientific-Disciplinary Sector: ICAR/10 "Construction Technology" (2018).

His main areas of scientific interest are: multifunctional composite construction and building materials, architectural technologies, high performance building, passive and vernacular architecture, historical architecture, solid mechanics, mechanical performance.

Academic grades from the University of Palermo (Italy):

2006 - Laurea (BA+MS) in Construction Engineering and Architecture

2008 - M.Sci in Nanotechnology for Cultural Heritage

2011 - Ph.D. in Construction Engineering

International scientific research:

2008/09 – Visiting Scientist, University College London, London (United Kingdom)

2009/10 – Research Scholar/Part-time Staff Associate, Columbia University, New York City (USA)

2013/14 – Postdoctoral Research Fellow, University of Palermo (Italy)

2013/14 – Visiting Researcher, University of Aveiro, Aveiro (Portugal)

2017/19 - Postdoctoral Research Fellow, University of Aveiro, Aveiro (Portugal)

2018 - Visiting Researcher, The Energy and Resources Institute, New Delhi (India)

2019 - Visiting Researcher, Slovak University of Technology, Bratislava (Slovakia)

He is (co)author of about 60 scientific publications reviewed in international scientific journals (1st quartile/ISI/Class A) and presented in international and national conferences. He is first author, lead writer and principal contributor on 34 of them. He is also author of the monography: Saeli Manfredi, "Nano, Smart and Composite Materials in Construction", Palermo: 40due Edizioni, 2018, ISBN: 978-88-98115-27-3.

He is reviewer for the journals Building and Construction Materials (Elsevier), Sustainability (MDPI) and Symmetry (MDPI); is a permanent member of the Scientific Committee of the International Architectural Conferences ArchDesign, ArchTheo, ArchHistory coordinated by the Eastern Mediterranean Academic Research Center (DAKAM, Istanbul), is a senior member of the Hong Kong Chemical, Biological & Environmental Engineering Society (HKCBEEES), and of the Construction History Society (CHS) located in Cambridge.

He is a member of the Editorial Board of the Journal of World Architecture (JWA), and guest editor of the Special Issues "21st Century Challenges in Construction: Functional Materials and Waste Recycle" for the journal Sustainability (ISSN 2071-1050) by MDPI [category Class A for the scientific Sector O8/C1] and "Multifunctional materials for catalytic and photoactivated processes" for the journal "Catalysts" (ISSN 2073-4344) by MDPI.

In 2013 he was awarded by the Italian Academic Society of Architectural Technology with the "Ar.Tec. Prize for Promotion in Research"; in 2016 he received a Certificate of Appreciation in recognition of distinguished efforts given willingly to collaborate with DAKAM; in 2019 he received a Certificate of Appreciation in recognition of distinguished efforts given willingly to promote scientific research, in the framework of the activities of Fábrica Centro Ciência Viva (Startup Incubator) of the University of Aveiro; in 2019 his research activities conducted under the scope of the project PROTEUS at the University of Aveiro were nationally acknowledged.

Finally, he is a member of the Italian Institute of Professional Engineers (Section of Palermo) and is accredited as Technical Consultant of the Law Court of Palermo and of the Office of the Peace Officers of Palermo.