PROF. **Francesco Paolo R. MARINO**

SCIENTIFIC CURRICULUM VITAE:

Eng. Francesco Paolo R. MARINO carried out his studies in Engineering at the University of Basilicata and in 1995 he received *cum laude* the Master of Science Degree in Civil and Construction Engineering. Currently he is Assistant Professor of Architectural Technology (ssd ICAR/12) and the Scientific Manager of the *Laboratory of Technology Construction* (La.Te.C.) at the School of Engineering of the University of Basilicata. Since 1996 he participated in research groups in several local research projects and within the framework of the POP-FESR 1994-1999 Project, Measure 9.4 Innovation Development Research, entitled "Rete Recupero Urbsturismo" co-funded by the European Union. He is a member of the CIB (Building International Committee) and in particular of the *CIB W86 Building Pathology Commission*.

Scientific and research activity has developed by addressing specific issues of architecture technology and constructive systems in the ICAR/12 Disciplinary Sector. He has done many researches on Building Technologies, their durability and their pathologies, planning of the maintenance and recovery; and others on the sustainable construction approach, such as energy saving techniques and new methods to improve the anti-seismic behavior of buildings of historical and monumental interest. He's the author of many book chapters on the relief of rock settlements and on the design of partially buried parts of sustainable cities; he has developed (with F. Lembo) a new thermo-hygrometric system for the treatment of the oak's wood and from that he has developed some structural applications in the field of sustainable recovery and sustainable design of new buildings, including high-rise ones, presenting them to International Congresses. He deals with high efficiency wrappers, insulation from the outside and ventilated walls; he has developed (with F. Lembo and G. Lacava) a software for the optimization of the the DSF (*Double Skin Façade*) and is working on a software for optimizing the functioning of the ventilated walls.

The results achieved have been documented since 1997 and up to now by 3 books and more than 50 national and international scientific publications.

PROFESSOR'S OFFICE HOUR:

Monday and Tuesday from 9:30 to 11:30. Macchia Romana Campus, School of Engineering (IV floor, room 64).

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