PROF. Maurizio Diomedi

SCIENTIFIC CURRICULUM VITAE:

Maurizio Diomedi is Associate Professor of SSD ICAR 04 - Roads Railways and Airports, graduated in Civil and Constuction Engineering at the University of Ancona. Since 1988 he is researcher in the area of road infrastructures. Since 1992 he worked at the University of Basilicata (USB), first as a Research Assistant at the Laboratory of Roads Construction, then as Confirmed Researcher and then as Associate Professor.

Since November 2001 he is Associate Professor of the Faculty of Engineering of USB, become School of Engineering (SI-UNIBAS) in August 2012, where over the years he has held the following courses:

- Road, Railway and Airport Works Techniques (v.o. PZ)
- Principles of road infrastructures
- Principles of roads, railways and airports
- Elements of Road, Railway and Airport Works Techniques
- Urban and metropolitan road infrastructures

Since the academic year 2012-13 in the SI-UNIBAS he teaches the course of " Technique of Road Railway and Airport Works".

He joined several research groups: in 1992-1998 the CNR-PFT2 (Finalised Transportation 2 Project) sub-theme 3.6.3:"Draining and noise reducing asphalt concretes"; in 1998-2000 he was a member of the Operative Unit of USB for PRIN 1998 "Maintenance and rehabilitation of road pavements: management and intervention techniques"; from 2001 to 2003 he joined the research group of the Operative Unit of USB for PRIN 2001 "Performance Catalogue of superficial asphalt concretes". Along with other three people he designed, assembled and copyrighted an original triaxial device, called UNIBAS MPT, which is adopted for the definition of the constitutive bind of asphalt concretes (Patent of Industrial invention n° 0001378122 30.07.2010).

The research activity and the results achieved in the years of research are documented in his scientific works, published on national and international journals or in the proceedings of important national and international congresses.

The scientific activity faced different aspects of road infrastructures (Area ICAR/04), including road geometry with the study of the transition curves multiparameter and turns subterranean structures, road and airport pavements, traditional and innovative materials for road pavements, recycling of asphalt, use of waste materials from steel mills and demolition of civil works in road embankment and in the lower layers of pavements, simulation of the behavior of pavement structure during earthquake, retaining structures and traffic acoustic pollution.

PROFESSOR'S OFFICE HOUR: Wednesday at 11: 00-13: 00 – Potenza - Campus Macchia Romana-
School of Engineering (Building Engineering, 4th floor, room 56)

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