

Marco PASETTO was born in Padova (I) in 1962.

March 2002-today. Full Professor of "Roads, Railways and Airports" (ICAR/04) at the University of Padova.

July 2000. Full Professor title in examination at Ancona University.

1990-2002. Assistant Professor (ICAR/04) at the University of Padova.

1987-1990. Research contract with the Highways and Transport Institute at the University of Padova.

1987-03-23. Master of Science in Civil Engineering (Transport Course) at the University of Padova (110/110 magna cum laude).

2014-2017, Head of the Engineering Centre.

Coordinator of the Road Laboratory.

Member of the Scientific Committee of Engineering and Architecture Area (-2012).

President in Master of Science of CE sessions.

President of the Commission of qualifying examination for Architecture and Engineering at the University of Padova (2010).

Professor at the University of Padova, of: "Roads, Railways and Airports" (9 ECTS), "Railway and Airport infrastructures" (9 ECTS), "Design of road infrastructure" (6 ECTS).

Since 2017, director of the Master course on "Planning, design, construction and management of airport infrastructures".

Supervising professor or more than 300 students' theses (Bachelor and Master degree).

Professor in different courses and Masters in IUAV Venezia, SSIS-Special Courses (Veneto Region), ANAS, Architecture Dept. of the University of Padova, Private bodies (e.g. Motorways Societies).

Member of PhD School of Civil Engineering in Trieste till 2012, in Udine after 2013, in Trieste+Udine since 2015; Member of PhD School of Science of Civil, Environmental and Architectural Engineering in Padova, since 2018.

Organizer of International ISAP Symposium (APE) in 2019; Padova 2008, 2009, 2010, 2013 and 2017 Workshops on "Reuse of marginal materials in Road Construction" (2010, 2013, 2017 International), 2010 Workshop on "Road safety" (Albignasego) and 2009 Workshop on "Materials CE marking" (Padova); Padova 2003 SIIV Italian Road Congress; Verona 2001 SIIV Italian Road Congress; SIIV Summer School on Innovative materials for road construction (2013, Montegrotto Terme).

Member of:

SIIV-Italian Society for Road Infrastructures, President 2013-2014;

C.I.R.S.-Interuniversity Center of Road and Airport Research, component of the Board of Directors 2002-ongoing;

AIIT-Italian Society of Traffic and Transport Engineering, Triveneto President 2011-ongoing;

ISAP-International Society for Asphalt Pavements, chairman TC APE WG6 "By-products & Secondary Materials Recycling in Asphalt Pavements" 2013-ongoing; Member of WG5 "Re-Use of Construction Materials" in the TC on Constitutive Modelling of Asphaltic Materials;

AAPT-Association of Asphalt Paving Technologists;

PIARC-Permanent International Association of Road Congresses, component of the Italian TC "Road bridges" - chairman WG " Pavements"

UNI (Italian Standard Body) Convenor of SC2-WG 3+4 (concrete pavements+unbound and hydraulically bound mixtures and marginal materials), member of WG5 (surface characteristics) and "road marking" WG. Also "Italian expert member" of CEN in TC 227 "Road Materials" (WG 4) and TC 154 (SC4 "Aggregates");

RILEM TC SIB TG6 Cold Recycling.

Member of MIUR-Italian University and Research Ministry Register of CIVR experts and Register of PRIN and FIRB Projects evaluation experts; reviewer for VQR products.

Member of the WG Green Roads at the Ministry of Environment.

Referee on behalf of more than 25 international journals: Scientific Research and Essays (2012-), International Journal of Road Materials and Pavement Design (2011-), Waste and Biomass Valorization (2010-), Journal of Hazardous Materials (2010-), Construction and Building Materials (2010-), Materials and Structures (2008-2010), Journal of the Association of Asphalt Paving Technologist (2009-), etc.

Member of the Editorial Board of the International Journal of Roads and Airports (2009-2016), the Scientific Committee of the Journal "Trasporti & Cultura" (2006-ongoing), the Journal of Pavement Engineering and Asphalt Technology (2014-), Road materials and pavement design (2019-).

Referee on behalf of several international congresses (RILEM-ISBM 2020, TIS 2019, EATA 2019, ISAP-APE 2019, EATA 2017, BCRRRA 2017, ISAP APE 2017, TIS 2017, EE 2016, ISAP 2015, Rilem SIB 2015, EATA 2015, ISAP 2014, EATA 2013, ISAP 2012, SIIV 2012, EATA 2010, ISAP 2008, SIIV 2008, Eurobitume 2008 and 2004, ICMFA 2008, SIIV 2007 and 2005, Enviro 2008 and 2005...).

Chairman in Italian and International Conferences: TIS (Rome, 2017), High speed railways (Padova, 2015), Tunnelling, new technologies (Padova 2015), CE marking of bituminous mixes 2008 (Asphaltica, Padova), SIIV Italian Road Congress 2012 (Rome), 2008 (Enna), Safety in Tunnels 2008 (Research International Institute, Milan), ISAP Int. Congress on Asphalt pavements and Environment 2008 (Zurich), Cold recycling 2007 (Expo Rome), Recycling of road materials 2007 (Asphaltica, Padova), Sohn Int. Symposium on advanced processing of metals and materials 2006 (San Diego), 5th Int. Conf. on Road and Airfield Pavement Technology 2005(Seoul), SIIV Italian Road Congress 2003 (Padova)...

Principal investigator in the following Research projects:

2016-2017 “Heat harvesting technologies for thermally optimized road pavements”.

2011-2012 Visco-elastic rheological analysis of bituminous mastics with inorganic fillers.

2009-2010 Mobility infrastructures: a sustainable design in the construction of Italian contemporary landscapes – 2 years Project, IUAV, Venice Architecture University Institute (coordinator of Padova Unit; topic: Road safety related to drivers’ behaviour dependent on environmental characteristics and landscape)

2008-2009 Mechanistic Approach for Analysis and Design of Asphalt Pavements – Project for 2 years scholarship, University of Padova (topic: road and airport pavements modelling and experimental analysis of materials for durable and functional roads)

2007-2008 Design techniques for the enhancement of road infrastructures subject to traffic, for a conditioning of drivers’ behaviour – 2 year Project, ex 60%, University of Padova (topic: road safety and drivers’ behaviour; first approach to new techniques of interpretation of traffic impact on road accidents)

2005-2007 Modelling, design and evaluation of arrestor beds for airport infrastructures – 2 years University Projects, University of Padova (topic: develop of new materials for airport safety – laboratory tests, computational analyses, on situ experimentations to be carried on with ENAC – Italian Civil Aviation Administration)

2005-2006 Use of marginal materials in road infrastructures construction: mechanical and performance characterisation – 2 years Project, ex 60%, University of Padova

2003-2005 Introduction, development and evaluation of a model for the study of generation and propagation of vibrations and noise produced by road traffic – 2 years Italian Research Ministry Project, PRIN 2003 (coordinator of Padova Research Unit; topic: study of noise and vibration generation and propagation, related to traffic, road layout and composition)

2003-2004 Structural rehabilitation of road and airport pavements: optimisation of intervention techniques – 2 years Project, ex 60%, University of Padova

2001-2002 Safety and visibility in road tunnels, related to layout and platform composition – 2 years Project, ex 60%, University of Padova

1999-2000 Traffic induced vibrations on buildings in urban areas: historical monuments in Brenta Riviera and Ljubliana, 2 years INTERREG II Italy-Slovenia Project (coordinator of Padova Road Research Unit: topic study of vibration generation and propagation on historical buildings, related to traffic, road layout and composition, subgrade properties).

1998-2000 Noise annoyance related to the road pavement type, road marking and road surface deterioration – 2 years Italian Research Ministry Project, PRIN 1998 (coordinator of Padova Unit; topic: new predictive models for the characterisation of traffic noise related to pavements constructive and maintenance properties).

1992-2015 13 different two-years Projects, ex 60%, University of Padova on: road safety related to geometry, construction materials, safety related to functional and structural properties of road surfacings.

M. Pasetto is/has been the Principal investigator in many research contracts between University and Public Administrations or Private Companies (about 30).

M. Pasetto is also author of more than 280 scientific works about different research topics and especially:

- optimisation of design of road geometry related to traffic safety;
- influence of functional and structural properties of road pavements on operating costs, comfort and safety of road infrastructures;
- traffic and noise pollution;
- characterisation of traditional and innovative road materials;
- maintenance management systems;
- design of rigid and flexible pavements.

The researches on “cold recycling with foamed bitumens and cement” have been awarded by SITEB-Sintexcal in Asphaltica Congress, 2003, Padova.

M. Pasetto is co-author of the Patent no. 0001409073 (Italian Ministry of Economic Development) for the product Ecoway, mixture with foamed bitumen.