

Curriculum Vitae

INFORMAZIONI PERSONALI

Nome DAVIDE
Cognome LO PRESTI
Recapiti Edificio 8, Dipartimento di Ingegneria
E-mail davide.lopresti@unipa.it

FORMAZIONE TITOLI

EDUCATION

01/01/2008 – 17/03/2011 **Euro-PhD in Road Infrastructures Engineering** with "Doctor Europaeus". *Phd thesis entitled: "Rheology and curing of Tyre Rubber modified bitumens". The project has been developed in collaboration with the University of Nottingham, UK*

Faculty of Engineering/DIIV/University of Palermo/Italy

01/01/2008 – 31/12/2008 **Visiting PhD student** – developing PhD research Engineering/Nottingham Transportation Engineering Centre, University of Nottingham, UK

01/10/2005 – 31/10/2007 **MSc in Civil Engineering**, 110/110 with honors, Master Thesis was entitled: "Constitutive modeling of asphalt" Faculty of Engineering/University of Palermo/Italy

23/08/2004 – 31/01/2005 **Visiting student** – developing BsC thesis within the Erasmus project Engineering/Environmental Engineering, University of Aalborg, DK

01/10/2000 – 31/06/2005 **BSc in Civil Engineering**, 110/110 with honors, Bachelor thesis entitled:

"Upgrading of a wastewater treatment plant of the town of Aabybro - Denmark". developed in collaboration with the University of Aalborg - DK

Faculty of Engineering/University of Palermo/Italy

EMPLOYMENT DETAILS

CURRENT POSITIONS

From 25/03/2019 **Assistant Professor** @ Dipartimento di Ingegneria, University of Palermo, IT

From 25/03/2019 **Visiting Academic** @ NTEC - Nottingham Transportation Engineering Centre, University of Nottingham, UK

01/03/2017 – 31/03/2019 **Principal Research Fellow** @ NTEC - Nottingham
Transportation Engineering Centre, University of Nottingham, UK

01/03/2014 – 30/02/2017 **Senior Research Fellow** @ NTEC - Nottingham
Transportation Engineering Centre, University of Nottingham, UK

01/04/2011 – 31/03/2014 **Research Associate** @ NTEC - Nottingham
Transportation Engineering Centre, University of Nottingham, UK

01/10/2010 – 01/04/2011 **Research Associate** @ NTEC - Nottingham
Transportation Engineering Centre, University of Nottingham, UK

OTHER POSITIONS

22/04/2019 – 07/05/2019 **Visiting Academic** University of California, Davis. Life
Cycle Management of road pavements with Prof. John Harvey

14/04/2019 – 21/04/2019 **Visiting Academic** University of Sao Paulo, Brazil,
Sustainability Assessment of road pavements

01/10/2015 – 30/9/2016 **Visiting Researcher** University of Palermo, Italy.
Sustainable Railway Engineering within the framework of the SUP&R ITN project

01/10/2014 – 31/10/2014 **Visiting Researcher** University of Washington, Seattle,
Washington, USA Sustainability assessment of transport infrastructure - working with the
CEDR project "AllBack2Pave" with Prof. Steve Muench

01/04/2011 – 28/02/2014 **Research Fellow** – University of Nottingham, UK mainly
working with the FP7 project "Re-Road"

01/07/2012 – 31/07/2012 **Visiting Researcher** – Technische Universiteit Delft, NL

Undertaking Performance modelling of Asphalt Pavement
with the group of Dr. A. Scarpas, within the FP7 project "Re-Road" Engineering/ Civil
Engineering and Geosciences,

01/10/2010 – 31/03/2011 **Research Associate** – Engineering/Nottingham
Transportation Engineering Centre, University of Nottingham, UK working with the FP7
project "Re-Road"

ACADEMIC EXPERIENCE

AWARDS

2019 July **EARLY CAREER AWARD** – to “Davide Lo Presti” from the international Society for Maintenance And Rehabilitation of Transport infrastructures (ISMARTI) during the International Conference on Smart Cities in Seoul, Korea

2018 November **BEST PROJECT AWARD** – to “SUP&R ITN” from the Smart Transport Alliance (STA) during the annual STA meeting in Brussels, BE

ATTIVITA' DIDATTICA

TEACHING ACTIVITIES

From Oct 2019 Module Convenor @ “Design Complements of Road, Airport and Railway”, within the Master in Civil Engineering of the University of Palermo, Palermo, IT

Since Oct 2017 Module Convenor @ Transportation Infrastructure Engineering MSc: Sustainable Highways / Sustainable Railways, University of Nottingham, UK

Since Oct 2017 Module Convenor of “Principle of sustainability” within the MEng in Civil Engineering at the University of Nottingham, UK

Since Oct 2016 Specialist Lecturer @ Transportation Infrastructure Engineering MSc: Sustainable Highways / Sustainable Railways, University of Nottingham, UK

Dec 2015 Specialist Lecturer @ Module: Transport Infrastructure management, MSc Civil Engineering, University of Palermo, Palermo, IT

Oct 2015 Faculty member/Specialist Lecturer @ GEMBA-TREN “Global Executive MBA - Concentration in Transportation & Energy”, ISOM Business School, London, UK

04/08/2014 – 05/09/2014 Online Course Coordinator of the module “Knowing International Cooperation” within the FP7 EU project Global Dimension in Engineering Education (www.gdee.eu), EU

2013 Specialist Lecturer – Module: Advanced Materials for pavement Engineering, MSc Civil Engineering, University of Nottingham

2009-2010 Teaching assistants within the Master course in Civil engineering "Road Constructions", University of Palermo

RICERCHE FINANZIATE

Since 2010, Dr. Lo Presti has been appointed as Post-Doctoral Research Fellow at the University of Nottingham where He has been main author of several international research proposals and He achieved to ensure his own funding to develop other international projects toward a career as independent researcher in sustainable development of transport infrastructures.

- 2017 - 2021 - **SMARTI ETN - Sustainable Multi-functional Automated Resilient Transport Infrastructures** - (4M€ - 1.300,000€ at UNOTT) -H2020 Marie Curie Actions - "COORDINATOR
- 2018 - 2020 **Pavement LCM - a complete package for Life Cycle Management of green asphalt mixtures and road pavement** - Conference of European Road Directors (CEDR) call "New materials" 2017
- 2018 - 2020 **CRABforOERE - Cold Recycled Asphalt Bases for Optimised Energy & Resource Efficient Pavements** - Conference of European Road Directors (CEDR) call "New materials" 2017

PAST PROJECTS:

- 2015 - 2018 **BIOREPAVATION**: innovation in bio-recycling of asphalt pavement- (1.500,000€, 200k at UNOTT) - Funded by ERANET - INFRAVATION RESEARCH PROGRAMME under the call 2014. - PRINCIPAL INVESTIGATOR
- 2013 - 2017 - **SUP&R ITN**: Sustainable Pavement & Railway Initial Training Network - (4€ - 1M€ at UNOTT) - Funded by EU FP7 within the People-Marie Curie ITN scheme. Main author, Co-investigator and Project Manager.
- 2012 - 2015 co-PI of ALLBACK2PAVE (<http://allback2pave.fehrl.org/>) - "Towards 100% recycling of reclaimed asphalt in wearing courses" - CEDR call "recycling" 2012
- 2013 - 2015 Co-PI, Academic supervisor of **KTP with Chesterfelt Ltd**
- 2014 - 2015 PI, HERMES fellowship in "**Rheometry of complex fluids**"
- 2010 - 2013 co-investigator under the 4M € EU FP7 project "ReRoad"- End of Life Strategies of Asphalt Pavements" <http://re-road.fehrl.org/>.

FELLOWSHIPS, GRANTS and AWARDS:

- 2019 - **RITA LEVI MONTALCINI Fellowship** (call 2016) - 200k € project "SMARTECOINFRA" linked with a permanent position at an Italian University
- Feb 2015 - EPSRC Phd fees + FROG PhD studentship - (41,798£) - "EPSRC Doctoral Training Grant Centre in Complex Systems and Processes Pictures.
- Oct 2014 - HERMES Fellowship - (20,000£) - "Rheology of complex fluids" received by University of Nottingham, UK, through EU funding
- Aug 2013 - FROG PhD scholarship for EU student (Faculty of Engineering University of Nottingham) - 41,798£
- Jun 2013 - FROG PhD scholarship for EU student (Faculty of Engineering University of Nottingham) - 47,798£
- Jun 2013 - PhD Scholarship for Research Excellence from Brazil (Programa Capes/Universidade de Nottingham /Universidade de Birmingham - Bolsa de Doutorado Pleno) - 45,000£
- Jun 2013 Main author, Co-PI and Project Manager of a European project "SUP&R ITN 2013 - 2017" Funded by EU FP7 within the People-Marie Curie ITN scheme - 4,066,597.00 €.
- Jun 2013 CO-PI of a Knowledge Transfer Partnership project to support technology development of a UK SME (KTP) 2013 - 2015 147.000£
- Apr 2013: Co-Investigator of "ALLBACK2PAVE: Toward 100% recycling of reclaimed asphalt" (2013-2015) - 460.000€. Funded by CEDR TRANSNATIONAL ROAD RESEARCH PROGRAMME under the call 2012.

- Jan 2012: "Bridging the Gaps "Next Generation feasibility Awards 2012" - 10.000£ for research activities. Funded by University of Nottingham

INCARICHI / CONSULENZE

2019 - 2020 of European projects	University of Nottingham (UK) – Coordination
2017 - 2018 implementation of Asphalt Rubber in Switzerland (In collaboration with swiss research centre (EMPA) and industry HAMMAN, FBB and WEIBEL)	TRS (CH) – Technical support for the
2016 June	TRS (CH) – Technical support for the use of TRS technologies in asphalt and roofing membranes
2014 Dec Technical support for the update of pavement surfacing standards, specifically low energy materials	Ove & ARUP partners Ireland (IE) –
2014 Jan use of proprietary products in rubberized asphalt	BAGIGI Srl (IT) – Technical evaluation on the
2014 Jan evaluation on the use of liquid rubber in asphalt pavement	INNOVATORS LLC (USA) – Technical

ASSOCIAZIONI SCIENTIFICHE

MEMBERSHIPS OF SCIENTIFIC SOCIETIES

- Since 2017 Member of the American Asphalt Pavement Technology (AAPT)
- Since 2017 Member of the "Marie Curie Alumni Association"
- Since 2015 Member of the TRB Subcommittee TRB2017AFD00(1) on "Sustainable Pavement"
- Since 2012 Member of the World Society of Sustainable Energy Technologies
- Since 2011 Full Member, "RILEM" International Union of Laboratories and experts in construction materials systems and structures

Editorial Boards of scientific journals

- Since Oct 2018: DEPUTY PANEL CHAIR of the [Proceedings of the Institution of Civil Engineers - Transport](#)
- Since Oct 2018: EDITORIAL BOARD MEMBER for [Journal of the Association of Asphalt Paving Technologists \(AAPT\)](#)
- Since Sep 2018: EDITORIAL BOARD MEMBER [Advances in Civil Engineering, HINDAWI](#)
- Since Oct 2016: EDITORIAL BOARD MEMBER for [Cogent Engineering](#), Taylor & Francis

Reviewer

Books:

- Since 2014: Reviewer for the Civil and Environmental Engineering list at Elsevier Science and Technology Books
- 2011: reviewer for RILEM TG1 and RILEM TG2 for two book chapters

Journals:

- Since Oct 2017: Environmental Monitoring and Assessment, Springer
- Since May 2017: Advances in Civil Engineering Materials, ASTM
- Since Apr 2017: Rheological Acta, Springer
- Since Apr 2017: Periodica Polytechnica Civil Engineering,
- Since Jan 2017: Materials and Design, Elsevier
- Since Nov 2016: Transport, Institutions of Civil Engineering
- Since Sep 2016: Transport Research Board Conference
- Since May 2016: Cogent Engineering, Taylor & Francis
- Since Nov 2015: Journal of Petroleum Engineering, Hindawi
- Since Nov 2015: International Journal of Pavement Research and Technology
- Since Aug 2014,: Materials and Structures, Springer
- Since May 2014,: Materials, MDPI - Open Access Publishing
- Since February 2014: Resources, Conservation & Recycling, Elsevier
- Since January 2014: Construction and Building Materials, Elsevier
- Since January 2013: Road material and pavement Design, Taylor & Francis
- Since January 2012: Advances in Materials Science and Engineering, Hindawi Publishing Corporation
- Since August 2011: Journal of Materials in Civil Engineering, ASCE Library

Conference Organising Committees:

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- 2017 TIS2017 – “Transport Infrastructure Systems” - AIIT International conference – Associazione Italiana per il traffico ed i Trasporti, Sep 2017

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- 2020 MAIREPAV 9, 9th International Conference on Maintenance and Rehabilitation of Pavements, Zurich, 1 - 3 July 2020.
- 2020 ISBM, RILEM International Symposium on Bituminous Materials, Lyon, 8-10 June 2020
- 2019 ISAP APE - 5th International Symposium on Asphalt Pavements & Environment (APE), Padua, Italy
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- 2019 EATA2017 – “European Asphalt Technologist Association”, Granada, Spain, June 2019
- 2018 Rubberised asphalt - Asphalt Rubber (RAR2018), Pretoria, South Africa
- 2018 ISAP2018 – International Society Asphalt Technologists, June 2018
- 2017 WCPAM 2017, World Conference on Pavement and Asset Management, June 2017
- 2017 TIS2017 – “Transport Infrastructure Systems” - AIIT International conference – Associazione Italiana per il traffico ed i Trasporti, Sep 2017
- 2016 ICTTE BELGRADE 2016 – Scientific committee
- 2016 10th International Conference on Geotechnical and Transportation Engineering, 2016 (GEOTROPIKA 2016), Kuala Lumpur, Malaysia from 17th to 18th February 2016
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- 2012 - SIIV ROMA MMXII: 5th International Congress on “Sustainability of Road Infrastructures”
- 2012 - ISAP TC APE 2nd International Symposium on Asphalts Pavement & Environment – Fortaleza, Brazil (also in the SCIENTIFIC COMMITTEE)
- 2012 - 5th Euroasphalt & Eurobitumen congress: Asphalt, the sustainable road to success”

PhD Thesis Reviewer/Panel:

- 2017: External examiner for the PhD dissertation of Avido Yulestan at the University of Huelva
- 2017: External examiner for the PhD dissertation of Luca Pirozzolo at the University of Huelva

- 2013 May: Invited external reviewer for the PhD thesis of the University of Huelva to the candidate M^a Ángeles Izquierdo Rodríguez
- 2013 Feb: Invitation to the PhD Dissertation of Dr. Fernando Moreno at university of Granada (Spain) as a part of the external supervisors team

ATTIVITA' SCIENTIFICHE

Dr. Lo Presti's expertise is Sustainable Engineering and his research, both applied and fundamental, covers the whole lifecycle span of transport infrastructures ranging from developing zero-waste materials and technologies, to using smart frameworks for a more sustainable management of assets such as roads and railways. Within this field since 2010 Dr. Lo Presti has authored more than 50 publications mainly in international scientific journals and He has been involved in training and technology transfer to small companies as well as big enterprises and association of industries.

CURRENT PROJECTS:

Since 2010, Dr. Lo Presti has been appointed as Post-Doctoral Research Fellow at the University of Nottingham where He has been main author of several international research proposals and He achieved to ensure his own funding to develop other international projects toward a career as independent researcher in sustainable development of transport infrastructures.

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- 2018 - 2020 [Pavement LCM](#) - **a complete package for Life Cycle Management of green asphalt mixtures and road pavement** - Conference of European Road Directors (CEDR) call "New materials" 2017
- 2018 - 2020 [CRABforOERE](#) - **Cold Recycled Asphalt Bases for Optimised Energy & Resource Efficient Pavements** - Conference of European Road Directors (CEDR) call "New materials" 2017

CURRENT PhD students:

Mr Mario Manosalvas - Responsive road pavement: technology development and asset management

Mr Philippe Sohounou - Resilience assessment of Transport Infrastructure

Ms Giulia Siino - Structural health Monitoring of Railway Trackbeds

Mr Ahmed Zakaria - Energy harvesting from railways

Mr Juan Carvalho - Sustainable pavements

Mr Gustavo Menegusso Pires - 100% reclaimed asphalt pavement

Mr Gaspare Giancontieri - Rheometry of complex fluids

Mr Konstantinos Manosalvas - Life Cycle Management of road pavements

CURRENT Post-Docs

Ms Ana Jimenez del Barro Carrion - Lifecycle assessment of innovative asphalt mixtures and road pavement

PREVIOUS projects/collaborators:

Dr. Ahmed Abed - Warm mix additives for asphalt recycling (PhD project)

Dr. Ana Jimenez del Barro Carrion - Biobinders for road asphalt pavement (PhD project)

Dr. Giacomo D'Angelo - Sustainable technologies for Railway ballast (PhD project)

Dr. Laura Trupia - Life Cycle Assessment of Road Pavement (PhD project)

Dr. Ayad Subhy - Characterisation and development of rubberised bitumen (PhD project)

AMBITI DI RICERCA

Key features:

- More 10 million € in research grants – Currently coordinating 3 research projects/programmes for more than 5M€ (until 2021)
- Holder of the “Rita Levi Montalcini” fellowship 2016 at University of PALERMO (IT)
- Italian habilitation to work as "Full Professor" in any Italian University (2020)
- Deputy Panel Chair of “[Proceedings of the Institution of Civil Engineers - Transport](#)” journal ICE and member of the editorial board of the Journal of the American Asphalt Pavement Technologist (AAPT)
- Task Group Leader (TG5) of the Technical Committee RAP within the International Community RILEM
- Task Group Leader (TG5) of the Technical Committee WMR within the International Community RILEM
- More than 80 peer review publications (45 journal) [full publication list on RESEARCHGATE](#)
- Currently main/co-supervisor of 1 PostDocs, 10 PhD students between UK and IT
- Module Convenor within the MSc on Sustainable Transport Infrastructures at The University of Nottingham, MEng in Civil engineering and several courses from graduates school
- Chairman of International workshop and conference session (attendance >50 international meetings)
- PRINCE 2 qualified Project manager
- Excellent links with Industry exploited with projects and consultancies

SHORT BIO Dr. Lo Presti is an Assistant Professor and holder of the “Rita Levi Montalcini fellowship” at the University of Palermo (IT) and a Visiting Academic at the University of Nottingham (UK). Dr. Lo Presti’s expertise is Sustainable Engineering, with a focus on transport infrastructure’s technology development and asset management. his research is both applied and fundamental and involves investigation of effective techniques for recycling waste/secondary materials into civil engineering applications such as roads, railways, roofing membranes. Also, with the goal of investigating a sustainable asset management for preserving existing infrastructures as well as envisioning the future ones, Dr. Lo Presti is specialising in smart technologies, life-cycle management and multi-criteria decision making. Within this field since 2010 Dr. Lo Presti has authored more than 70 publications mainly in international scientific journals and He has been involved in training and technology transfer to small companies as well as big enterprises and association of industries. At last, Dr. Lo Presti has extensive experience in coordinating international and multi-disciplinary projects (see projects)

VISION I define my area of research as “Sustainable and Smart development of Transport Infrastructure”. In fact, I believe that engineering has no better choice than investing in its sustainable development embracing innovation and new technologies to support healthy society and respecting the environment. On this basis my vision on research needs is built upon links with industry and private sector to clearly understand research questions and undertaking collaborative research to conceive the transport infrastructures of the future SMARTI: “Sustainable Multi-functional Automated Resilient Transport Infrastructures”

AREA OF APPLIED AND FUNDAMENTAL RESEARCH:

- Re-use of tyre rubber in civil engineering applications
- Modification of bitumen
- Technology development for pavements and railway
- Advanced rheological analysis of complex materials and Computational rheology
- Sustainability Assessment and Life Cycle Management
- Multi-Criteria Decision Analysis for complex systems
- SMART infrastructures: Structural Health Monitoring and Asset management

ALTRE ATTIVITA

INVITED TALKS (conferences not included)

- Sep 2017 **PLENARY SPEAKER** at 4th Global Rubber Conference – 12 – 14 September 2017 Kuala Lumpur, Malaysia
- Jul 2017 **PLENARY SPEAKER** at 4th Transportation Infrastructure Congress (CiTrans) – 27 – 28 July 2017 Costa Rica
- Jan 2017 [JTR annual meeting 2017](#) – “SUP&R ITN Project and Sustainability Assessment tool for road pavement and railways” 25-26 January 2017, Nantes (FR),
- Jan 2017 [TRB](#) – Sustainable Pavement Sub-committee – “SMARTI ETN Project” – 10th January 2017, Nantes (FR),
- Mar 2016 **CHAIR of the session of the ETRA** annual meeting 2016 in “Tyre recycling in Road Pavements and other Civil Engineering applications” 16-18 March 2016, Brussels,
- Dec 2015 [Universita' degli studi di Napoli](#) – December 15 – Napoli, Italy
- Oct 2015 [ETRA event, Flex & the City](#) – October 22 – Venezia, Italy
- Oct 2015 [Tyre Industry Conference](#) – October 1 – Birmingham, UK
- Jul 2015 World Congress and Expo on Recycling - July 20-22, 2015 - Barcelona, Spain
- Jun 2015 Tyre Recycling Association – “Rubberised Asphalt” Jun 19, 2015 – Warwick, UK
- Jun 2015 [1st International Conference on Bio-based Building Materials](#), June 21st - 24th 2015 Clermont-Ferrand, France
- Apr 2015 [FEHRL Infrastructure Research Meeting 2015 \(FIRM15\)](#), 22nd & 23rd April 2015, - Brussels, Belgium. Invited talk about “AIIBack2Pave” project
- Apr 2015 AAPT International forum – “LCA of road pavements”, Portland, Oregon, USA
- Mar 2015 ETRA conference 2015: European Tyre Recycling Association annual conference – invited talk about research on tyre recycling in UK
- Dec 2014 [Digital humanities & Arts praxis](#): interrogating interdisciplinarity, Invited talk about research methodology in Civil Engineering
- Nov 2014 [Journée d'Etude de la Route et des Infrastructures](#), Ecole Polytechnique Fédérale de

Lausanne, CH – Invited speaker about design of high-content reclaimed asphalt pavements

Oct 2014 Recycled Rubber Products and Applications for Roads, Urban Furniture and Transport
TURIN 30 October 2014, International Seminar for a Safer and more Sustainable City Life

Oct 2014 “Toward more reliable viscosity measurements of tyre rubber modified bitumen”, UC Davis,
California (USA)

Jul 2014 Pavement Performance Prediction (P3) Symposium, University of Wyoming (USA)

Mar 2014 ETRA conference 2014: European Tyre Recycling Association annual conference – invited
talk about research on tyre recycling in UK

Feb 2014 “Disciplines of Civil Engineering, Where will your degree take you?”, - Institution of Civil
Engineers (ICE) West Midlands, University of Wolverhampton, UK.

Oct 2013 “Sustainable development of Transport Infrastructures at NTEC. An opportunity”, University
of Reno, Nevada (USA).

Sep 2013 “Sustainable development of Transport Infrastructures at NTEC. An opportunity”, University
of Illinois – Urbana Champaign, Illinois (USA).

Feb 2013 “Tyre recycling project at NTEC” - ETRA conference 2013: European Tyre Recycling
Association annual conference.

ORGANISATION OF SCIENTIFIC MEETINGS

Jul 2019 Main Organizer of the Workshop “Automated Road Pavements” within the International
Conference on Smart Infrastructure - Cambridge, UK

Jun 2019 Main Organizer of the “1st CEDR Workshop on Sustainability Assessment of Road
Pavements - Nottingham, UK

Jan 2019 Co-Organizer of the “SMARTI ETN winter school: Multi-Functional Transport
Infrastructures” - in collaboration with IFSTTAR, Paris and Nantes, FR

Sep 2018 Co-Organizer of the “SMARTE ETN summer school: New Horizons in Sustainability for
research and education” - in collaboration with University of Palermo, Palermo, IT

Nov 2017 Co-Chair of the session “TRANSPORT Integrating LCA and Sustainability Assessment into
infrastructures design and management”, within the [AVNIR conference](#), 8-9 November 2017, Lille (FR)

Nov 2017 Co-Chair of the session “Smart monitoring of road pavements” within the World Conference
on Structural Control and Monitoring [WCSCM2018](#), 22-25 July 2018, Qingdao, (China)

Oct 2017 Co-Organizer of the RILEM TC Cluster meeting 3 – 6 Oct 2017, Nottingham (UK)

Oct 2017 Co-Chair of the Task Group (TG5) “Degree of Binder Activation of RAP” of the Technical

Committee RAP of RILEM

Jan 2017 Co-Organizer of the SUP&R ITN training week “Research in Road and Railways in Europe”,
21 – 23 Jan 2017, Nantes (FR)

Mar 2016 CHAIR of the session of the ETRA annual meeting 2016 in “Tyre recycling in Road
Pavements and other Civil Engineering applications” 16-18 March 2016, Brussels,

Sep 2015 Co-Organizer of the “SUP&R ITN Palermo Summer School 2015”, more than 10 speakers
and 15-30 participants, within the SUP&R ITN project, Palermo, IT

Mar 2015 Co-Organizer of the “SUP&R ITN Dublin training week 2015”, 9 speakers and 15
participants, within the SUP&R ITN project, Dublin, IE

Sep 2014 Organizer of the “SUP&R ITN Nottingham training week 2014”, 7 speakers and 15
participants, within the SUP&R ITN project, Nottingham, UK

Oct 2012 Organizer and Moderator of the “Re-Road special session”, 30 participants, within the SIV
ROMA 2012 Conference. Rome, Italy

COMMISSIONS OF TRUST

Editorial Boards of scientific journals

- Since Oct 2018: DEPUTY PANEL CHAIR of the [Proceedings of the Institution of Civil Engineers - Transport](#)
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- 2013 Feb: Invitation to the PhD Dissertation of Dr. Fernando Moreno at university of Granada (Spain) as a part of the external supervisors team

PERSONAL DEVELOPMENT AND OTHER COMPETENCIES

ADVANCED FORMATION COURSE (LAST 4 YEARS):

- 2019 Mar: "Philosophy in Practice" from the School of Economic Science, Nottingham (UK)
- 2018 Feb: "Mindfulness programme"
- 2018 Feb: "Assertiveness for professionals"
- 2017 Mar – Ongoing : Associate Teaching Programme – University of Nottingham, UK
- 2016 Dec – May 2017 – Leadership and Management Academy course: "Leading big teams" – University of Nottingham, UK
- 2016 May – "Energy harvesting from Road Pavement" – Workshop UK-Brazil supported by the Newton Fund Porto Alegre, Brazil
- 2015 May – "Ballast and beyond" - SOUTH BANK UNIVERSITY ELEPHANT AND CASTLE Permanent Way Institution (PWI) London Section
- 2014 Jun-Dec: Leadership Programme for Early Career Researchers - Joint University of Nottingham/University of Birmingham
- 2013 Dec: Sustainability assessment of civil Engineering Infrastructures, Qualified CEEQUAL Assessor.
- 2013 Apr: "Project Management PRINCE2 Qualification – Foundation level"
- 2012 May: "Practical Project Management", University of Nottingham, Nottingham, UK
- 2012 Jan: "Science Outreach project", Graduate centre, University of Nottingham, Nottingham, UK
- 2011 Nov: "RHEOBIT" workshop – Rheology of bituminous material. Held by D.Anderson and G.Rowe – Nottingham, UK
- 2011 Apr: "Final Element Analysis for Engineers" and "Advanced Non-linear Final Element Analysis"workshop – Nottingham, UK
- 2011 Apr: workshop –Nottingham, UK
- 2009 Sep: SIIV SUMMER SCHOOL - VII Seminario di alta formazione e ricerca su "Qualità ambientale delle infrastrutture viarie"- Cagliari, IT
- 2008 Sep: SIIV SUMMER SCHOOL - VI Corso di Alta Formazione alla ricerca su "I Materiali per le Costruzioni Stradali" - Enna, IT

NON-FORMAL EDUCATION

- 2014 Apr: "Developing facilitating skills in online course environments", by JISC Netskills, University of Newcastle, UK.
- 2013 Jun: "Facing Quality Workshop" Youth in Action Workshop on funding opportunities and project management, London, UK.
- 2013 Jan: "Green Urban Living" Youth in Action Workshop, Manchester, UK. Selected amongst 30 participants over 1000 applicants <http://greenurbanliving.posterous.com/>
- 2012 Jan: Coordinator of the "European Day of the Environment 2012" (EDE2012). Project implemented within the AEGEE-EUROPE Environmental Working Group

LANGUAGES

- Italian mothertongue
- English advanced spoken and written (C2)
- Spanish intermediate (B1)

IT SKILLS

- Expert of web-based applications for research, teaching and networking
- Expert of Web-design and Website management with CMS (Joomla mainly, but also Wordpress and DRUPAL).
- Expert of HTML and CSS
- Expert of Microsoft office package
- Expert of CAD softwares
- User of many FEM-based softwares
- User of LCA softwares, GABI and SIMAPRO (mainly)

SOCIAL SKILLS

- Since 2008 singer of several musical formations in Italy and UK
- More than 5 years of experience in Public Relations within the entertainment business
- Since 1990 football coach/captain/player of several teams in Italy and UK. Currently playing in the first team of the PGSA team of the University of Nottingham (UK) and IngPA football team of The Engineers Society of Palermo (IT)