



Curriculum vitae

Professor Marco di Prisco

Personal Information

Name: Marco di Prisco

[REDACTED]

Current position: Professor of Structural Analysis and Design at Politecnico di Milano, Italy

Education

-1989: Ph.D. in Structural Engineering, Politecnico di Milano, Milano, Italy. Discussion of the Ph.D thesis in Rome, *"On the shear behaviour of reinforcing bars in concrete. The dowel action: experimental results and mathematical modeling"*.

-1985: Admitted to the 2nd cycle of Doctorate in Structural Engineering

-1985: Official of Italian Air-Force G.A.R.I. i.a. (Aeronautic Genius role engineers – aeronautic infrastructure) during the military service spent in Aeronautical Technical Infrastructure Headquarters in Piazza Novelli - Milan, designing airstrip pavements, residential buildings, floors, swimming pools and blast-resistant shelters for Tornado munition in a NATO project.

-1985: admitted to Practice in Civil Engineering in Italy

-1985: M.Sc. in Civil-Structural Engineering. Politecnico di Milano, Milano, Italy - *"Structural analysis of a prosthesized femur"*. Graduated with full marks and summa cum laude.

-1979: High School Degree (rate 60/60) Liceo Scientifico E. Vittorini

Academic appointment and employment history

-2013/today: Member of the Department of Civil and Environmental Engineering

-2002: Full Professor of Structural Analysis and Design at Politecnico di Milano, Department of Structural Engineering (DIS)

-1998: Associate Professor of Structural Analysis and Design at Politecnico di Milano - DIS

-1991: Assistant Professor of Structural Analysis and Design at Politecnico di Milano - DIS

-1989: Lecturer of Detailing at Specialization School in R/C structures "F.lli Pesenti"

International Research activities

-1992: Visiting Scholar at LMT with GRE.CO. scholarship (Cachan, Paris): research activity on damage mechanics with prof. J. Mazars to investigate a new constitutive model for plain concrete and FRC.

Institutional charges

-2013/today: Coordinator of the Master of Science in Civil Engineering for Risk Mitigation (in English) in the Civil and Environmental and Land Management Engineering School at Politecnico di Milano

-2011/today: Responsible of Lab "Blast and Fire" in Galbiate (Lecco Campus)

-2010/today: member of University Discipline Commission for Students

-2011/2012: member of "Senato" (Academic Board)

- 2009/2012: Head of the Department of Structural Engineering
- 2003/today: Responsible of the Lab on Materials and Structures at Lecco Campus
- 1998/2005: Responsible of the section Concrete at the Lab on Materials and Structures at DIS

Main research fields

- use of cement based FRC composites in Prefabricated Concrete Structures (uniaxial tension, bending, shear, uniaxial and multiaxial compression behavior, connections, D-regions, R/C and P/C thin-walled elements; foundation and elevated slabs, sandwich façade elements and bearing walls);
- creep, fatigue and high strain rate behavior of composite cementitious materials
- shear transfer mechanisms in reinforced concrete structural elements, fatigue in slabs;
- new device implants oriented to sustainability problems;
- risk mitigation of natural and anthropic phenomena: design of tunnel linings subjected to exceptional loads like fire and blast, FRC precast elements fire resistance, sheltering structures;
- use of cement based composites in soil-structure interaction: precast environmental and sheltering structures designed to mitigate landslide risk
- TRC structural and non-structural applications

Participation to funded research projects

- 2014/2016: Local coordinator of Operational Unit (Politecnico di Milano) of the national project RELUIS: Research line – Innovative for existing constructions - WP4 "FRC for existing constructions"
- 2013/2015 Coordinator of the Project S.I.N.E.R.G.I.E ATTIVITÀ. – Sistema INtegrato sostenibile EneRGeticamente ATTIVO per il rinnovo degli Edifici industriali attraverso coperture composite, funded by Regione Lombardia in cooperation with European Community
- 2012/2016: Responsible of WP2 - *Retrofitting solution for the outer envelope* –in the Project EASEE (Envelope Approach to improve Sustainability and Energy efficiency in Existing multi-storey multi-owner residential buildings) funded by European Community in the framework of FP7 projects coordinated by D'Appolonia with 18 international Partners.
- 2011/2013: Coordinator of the Regional R&D Project -Innovative cementitious materials: development and structural applications between DIS- Politecnico di Milano and Ben Gurion University of the NEGEV (Beer Sheva, Israel) with Prof. Alva Peled; Protocollo 17294, ID MAN-21
- 2010/2013: Local coordinator of Operational Unit (Politecnico di Milano) of the national project RELUIS: "Technological innovation in Seismic Engineering - Task 3.1 –Development and Analysis of new materials for the seismic"
- 2009/2012: Coordinator of the project of European Union Cross-Border Cooperation 2007-2013, A.C.C.I.D.E.N.T. "Advanced Cementitious Composites In Design and construction of safe Tunnel" - ID 7629770 Italy-Switzerland with SUPSI (Prof. E. Cadoni)
- 2004/2006: Responsible of a National project (PRIN) for the National Ministry of University and Research on FRC structural applications – "FRCs for structures and infrastructures resistant, durable and economical"
- 1999/2001: Responsible of a National Contract with the Minister of Research and Technology - Italy/Spain Relations (UPC Barcelona; dr. Gettu) on the identification of constitutive relations for FRC.
- 1993/1996: Scientific Responsible of the project "Les Béton armés et renforcés par fibres" in the framework of a 3-Year Research Contract A.L.E.R.T. (Alliance de Laboratoires Européens pour la Recherche et la Technologie)-CEE.

Teaching activity

- Professor of Structural Analysis and Design (since 1997), Precast Structures (since 1999), Design of Environmental and Protective Structures (since 2004).

-2013/2016: Coordinator of four Summer Schools in 2013, 2014, 2015 and 2016 at Politecnico di Milano on the following topics: Textile Reinforced Concrete design. material and structural behaviour; Fibre Reinforced Concrete (FRC): material characterization and structure design; Performance, Protection & Strengthening of Structures under Extreme Loading.

-2013: Organizer of a course on fib Model Code 2010 in Milan.

-2005: President of the Commission for National admission to Professional Orders.

Technical activity

-2016/today: member of the National Commission "Standards for Constructions" of CNR (Consiglio Nazionale delle Ricerche)

-2016/today: member of the TG Fibre Reinforced Concrete of CSLL.PP. (Consiglio Superiore Lavori Pubblici)

-2015/today: member of the TG Fibre Reinforced Concrete Matrix of CSLL.PP. (Consiglio Superiore Lavori Pubblici)

-2012/today: Convener of the Commission CEN TC250/SC2/Wg1/Tg2 to introduce FRC in EC2.

-2006/2012: member of the fib Commission SAG 5 devoted to write the new Model Code (responsible of chapters on FRC with prof. Falkner in cooperation with Fib TGs 8.3 and 8.6)

-2005/2006: Co-chairman of the National Committee CNR DT-204 Guidelines for the design, construction and production control of fibre reinforced concrete structures.

-2004/today: member of the Rilem Commission TC – HFC High Performance Fibre Reinforced Cementitious Composites and FIB Task Group 8.3 and 8.6 on Fibre Reinforced Concrete and High Performance Fibre Reinforced Concrete.

-2002/2003: member of the National Commission UNI/SC4 Design, Production and Control of Structural Elements in FRC.

-1999/2000: member of the Technical Commission CEN/TC 229/WG3/TG7 Metallic Fibre Concrete for precast elements.

-1995/2003: member of the Technical Commission RILEM 162-TDF Test and Design Methods for SFRC.

-1995/2003: member of the National Commission UNI Concrete Reinforced with Steel Fibers (UNI 11039).

Recent research and consultant activities

Topic	Client
Experimental and structural analysis of fatigue behavior of SFRC ground slabs	Bekaert (Belgium)
Structural design and experimental analysis of FRC roof precast elements	Magnetti Building (Italian precast producer),
FRC post-tensioned precast retaining structure design.	Caslino municipality
Composite façade panel optimization	Zecca Prefabbricati (Italian precast producer),
Tunnel segment and post-tensioned beam structural optimization design	IPA Prefabbricati (Italian precast producer),
Seismic behavior of precast connections.	Halfen (Germany),
Design of thin-walled plates for loss formwork of slabs.	Fumagalli (Italian precast producer),
Bearing capacity of precast sandwich panels for retaining walls	Assobeton (Italian precast consortium),
Use of recycled alumina as concrete filler	Raffmetal (Italian Aluminium producer),
Computational tools to design FRC structures	Badessi (Italian producer of steel fibres),
Sustainable use of HPFRC to design precast industrial buildings	BASF Italia,
Use of AR glass fibres in prefabrication	Saint Gobain (France),
Use of AR fibres to reduce drying shrinkage	Owens Corning (USA),
Patents aimed at optimizing the steel reinforcements	Pigazzi (Italian steel mesh producer),

in box foundations and foundation beams	
Design of composite panels to increase blast and fire protection of tunnels	Makoshark (Italian composite manufacturing producer),
Design and experimental tests of connections	CMF,
Optimized design of slabs with HPFRC materials	Mangiavacchi & Pedercini (Italian building construction)
	Galbiati group,
Optimization of steel fibres for fibre reinforced concrete	
Seismic behaviour of a precast tunnel system to be adopted in BRE BE MI infrastructure	Paver prefabbricati (Italian precast producer)
Evaluation of a design solution adopted in a tender	Lombardi (Swiss/Italian infrastructure designers)
Water proofing of tunnels for road infrastructure	Pessina (Italian Construction Company)
BRE.BE.MI	
Structural analysis and design solution assistance to expand an existing synclastic precast concrete sport dome	Edimometallo (Italian Construction Company)
Experimental evaluation and structural analysis of severe wind resistance of affordable houses	Edilsider S.p.A. (Steel affordable housing producer)
Bearing capacity and retrofit of a new steel roofing for an industrial building	Edilsider S.p.A. (Steel affordable housing producer)
Design and structural analysis of a prefabricated FRC floor slab	Cosmov (Italian manufacturing producer)
Jury member for the Calolziocorte new tunnel construction	Lecco Province
Structural assessment of the old bridge (1336) Azzone Visconti	Lecco Municipality
Experimental and modeling of pressure exerted by S4 and Self-Compacting concrete on steel formwork for tunnels.	CIFA (Manufacturing concrete producer)
Technical consultancy for a mortal accident in a prefabrication implant for the façade panel production	Pre-Cast S.r.l. (Italian Precast producer)
Testing during construction of the church Parish Church of Mornico al Serio (Bergamo)	Curia of Bergamo
Tester of the S.Paolo d'Argon Monastery requalification	Curia of Bergamo
TRC solution for prefabricated elements in civil engineering	Gavazzi (Italian AR glass fabric producer)
Design of a FRC retaining structure for the stabilization of an artificial embankments by means of anchored piles on Como Milan connection	Ferrovie Nord (Italian railways company)
Tester of the Vodaphone village in Lorenteggio street in Milan.	Real Estate Center s.r.l.
Retrofitting design of a collapsed industrial building in Oleggio	Axa Real Estate Im S.r.l.
Structural consultancy to the design of new FRC elevated slab for a private residence building in Erba	DSC-Erba s.r.l.
Structural consultancy to the design of new foundation and elevated FRC slabs cast on site and prefabricated for a new industrial building in Como	Steriline (Italian manufacture producer)
Structural assistance for the retrofit of an existing industrial building in Bobbio Piacentino	DSC-Erba s.r.l.
Experimental and structural analysis for the seismic	Halfen Orobia S.r.l.

behavior of anchor connections "column shoes"	
Pavements for roads, parking and industrial building in India: preliminary design with FRC solutions	A-FIBRES (Swiss fibre producer)
Optimization of FRC mechanical behavior with AR glass fibres	Istrice (Italian polypropylene fibre producer)
Consultancy on the feasibility of a P/C structural solution for the requalification of an industrial building for storage in Dalmine	Vegagest sgr SpA
Structural analysis and execution assistance of a new sustainable sleeper for railways	Greenrail s.r.l.

Membership and Affiliations

member of ACI, RILEM, fib, AICAP, CTE

-2015/today: co-opted as expert member in the Development Advisory Committee (DAC) of RILEM

-2014/today: co-opted member of fib Presidium

-2014/today: President of CTE – National Association for Industrialization in Building constructions

Membership to Editorial Boards of International Journals

-2009/2014: Editor in chief and now Honorary editor of European Journal of Environmental and Civil Engineering, Taylor & Francis

-2013/today: member of the Editorial Board of Cement and Concrete Composites.

Reviewer of several international Journal like: RILEM - Materials and Structures, Construction and Building Materials, ACI Structural and Materials Journal, ASCE Engineering Mechanics e Structural Engineering, European Journal of Mechanics, International Journal of Fracture, Structural Concrete, Studies and Researches.

PhD student supervision:

completed: 10 PhD; current: 4 PhD students; external examiner: 13 PhD international.

Selected list of publications

1. di Prisco, M., Mazars, J. (1996), Crush-Crack: a Non-local Damage Model for Concrete, *Mechanics of Cohesive-Frictional Materials and Structures*, 1, 321-347.
2. di Prisco, M., Felicetti, R., (1997), Some Results on Punching Shear in Fiber Reinforced and Plain Concrete Slabs, *Magazine of Concrete Research*, 49-180, 201-219.
3. di Prisco, M., Felicetti, R., Gambarova, P., (1999), On the evaluation of the characteristic length in high strength concrete, *High Strength Concrete*, A. Azizinamini, D. Darwin and C. French ed., ASCE, 377-390.
4. di Prisco; M., Ferrara, L., Meftah, F., Pamin, J., de Borst, R., Mazars, J., Reynouard, J.M., (2000), Mixed Mode Fracture in Plain and Reinforced Concrete: Some Results on Benchmark Tests, *Int. J. of Fracture*, 103, 127-148.
5. Vandewalle, L., Nemegeer, D., Balazs, L.,..., di Prisco, M., et al. (2000), RILEM TC 162-TDF: Test and design methods for steel fibre reinforced concrete. Bending Test, *Materials and Structures*, 33, 3-5.
6. Vandewalle, L., Nemegeer, D., Balazs, L.,..., di Prisco, M., et al. (2000), RILEM TC 162-TDF: Test and design methods for steel fibre reinforced concrete. σ - ε Design Method, *Materials and Structures*, 33, 75-81.

7. Vandewalle, L., Nemegeer, D., Balazs, L.,..., di Prisco, M., et al. (2001), Recommendations of RILEM TC 162-TDF: Test and design methods for steel fibre reinforced concrete. Uni-axial tension test for steel fibre reinforced concrete, *Materials and Structures*, 34, 3-6.
8. Ferrara, L., di Prisco, M. (2001), Mode I fracture behavior in concrete: non-local damage modeling, *ASCE, Journal of Engineering Mechanics*, 127(7), 678-692.
9. Ferrara, L., di Prisco, M., (2001), Three-vs. four-point bending test for the characterization of plain concrete: a numerical investigation, *Studies and Research, Graduate School in Concrete Structures, Politecnico di Milano, Italy*, 22, 73-119.
10. Vandewalle, L., Nemegeer, D., Balazs, L.,..., di Prisco, M., et al., (2002), Recommendations of RILEM TC 162-TDF: Test and design methods for steel fibre reinforced concrete. Design of steel fibre reinforced concrete using the σ -w method: principles and applications, *Materials and Structures*, 35, 262-278.
11. di Prisco, M., Plizzari, G., Vandewalle, L., (2009). Fibre reinforced concrete: new design perspectives, *Materials and Structures*, 42(9), 1261-1281.
12. Colombo, M., di Prisco, M., Mazzoleni, L., (2009). Sprayed tunnel linings: a comparison between several reinforcement solutions, *Materials and Structures*, 42(9), 1295-1311.
13. di Prisco M., Dozio D., Galli A., Lapolla, S., (2010), Assessment and control of a SFRC retaining structure: Mechanical issues, *European Journal of Environmental and Civil Engineering*, 14 (10), 1259-1296.
14. Colombo, M., di Prisco, M., Felicetti, R., (2010), Mechanical properties of Steel Fibre Reinforced Concrete exposed at high temperatures, *Materials and Structures*, 43(4), 475-491.
15. Ferrara, L., Ozyurt N. and di Prisco M., (2011), High mechanical performance of fibre reinforced cementitious composites: the role of "casting-flow induced" fibre orientation, *Materials and Structures*, Volume 44 (1), 109-128.
16. M. di Prisco, L. Ferrara, M. Lamperti, S. Lapolla, A. Magri, G. Zani, (2011). Sustainable roof elements: a proposal offered by cementitious composites technology, in *Innovative Materials and Techniques in Concrete Construction*, ed. by M. Fardis, Springer.
17. Caverzan, A., Cadoni, E., di Prisco, M. (2012), Tensile behaviour of high performance fibre-reinforced cementitious composites at high strain rates, *International Journal of Impact Engineering*, Volume 45, 28-38.
18. di Prisco, M., Dozio, D., Belletti, B. (2013), On the fracture behaviour of thin-walled SFRC roof elements, *Materials and Structures*, 46 (5), pp. 803-829
19. di Prisco, M., Colombo, M., Dozio, D. (2013), Fibre-reinforced concrete in fib Model Code 2010: Principles, models and test validation, *Structural Concrete*, 14 (4), pp. 342-361.
20. Colombo, I.G., Magri, A., Zani, G., Colombo, M., di Prisco, M. (2013), Textile Reinforced Concrete: Experimental investigation on design parameters, *Materials and Structures/Materiaux et Constructions*, 46 (11), pp. 1933-1951. See also Erratum: Textile reinforced concrete: Experimental investigation on design parameters, *Materials and Structures/Materiaux et Constructions*, 46 (11), pp. 1953-1971.
21. di Prisco, M., Ferrara, L., Lamperti, M.G.L. (2013), Double edge wedge splitting (DEWS): An indirect tension test to identify post-cracking behaviour of fibre reinforced cementitious composites, *Materials and Structures/Materiaux et Constructions*, 46 (11), pp. 1893-1918.
22. Colombo, M., Martinelli, P., di Prisco, M. (2013), Layered high-performance concrete plates interacting with granular soil under blast loads: An experimental investigation *European Journal of Environmental and Civil Engineering*, 17 (10), pp. 1002-1025.
23. Caverzan, A., Cadoni, E., di Prisco, M. (2013), Dynamic tensile behaviour of high performance fibre reinforced cementitious composites after high temperature exposure, *Mechanics of Materials*, 59, pp. 87-109.
24. Colombo, M., Martinelli, P., di Prisco, M. (2014), On the blast resistance of high performance tunnel segments, *Materials and Structures/Materiaux et Constructions*, 15 p. Article in Press.

25. Caverzan, A., Colombo, M., di Prisco, M., Rivolta, B. (2014), High performance steel fibre reinforced concrete: residual behaviour at high temperature, *Materials and Structures/Materiaux et Constructions*, 13 p. Article in Press.
26. Colombo, M., Martinelli, P., di Prisco, M. (2014), Validation of a Computational Approach to Predict Bursting Pressure of Scored Steel Plates, *Experimental Mechanics*, Article in Press.
27. Zhao, G., di Prisco, M., Vandewalle, L. (2014), Experimental investigation on uniaxial tensile creep behavior of cracked steel fiber reinforced concrete, *Materials and Structures*, Article in Press.
28. Colombo, I.G., Colombo, M., di Prisco, M. (2015), Bending behaviour of Textile Reinforced Concrete sandwich beams, (2015) *Construction and Building Materials*, 95, 675-685.
29. Colombo, M., di Prisco, M., Felicetti, R. (2015), SFRC exposed to high temperature: Hot vs. residual characterization for thin walled elements, *Cement and Concrete Composites*, 58, 81-94.
30. Colombo, M., Martinelli, P., di Prisco, M., On the blast resistance of high performance tunnel segments, (2016) *Materials and Structures/Materiaux et Constructions*, 49 (1-2), pp. 117-131.
31. Dey, V., Zani, G., Colombo, M., Di Prisco, M., Mobasher, B. (2015), Flexural impact response of textile-reinforced aerated concrete sandwich panels, *Materials and Design*, 86, pp. 187-197.
32. Andreotti, R., Colombo, M., Guardone, A., Martinelli, P., Riganti, G., di Prisco, M. (2015), Performance of a shock tube facility for impact response of structures, *International Journal of Non-Linear Mechanics*, 72, pp. 53-66.
33. Colombo, I.G., Colombo, M., di Prisco, M. (2015), Tensile behavior of textile reinforced concrete subjected to freezing-thawing cycles in un-cracked and cracked regimes, *Cement and Concrete Research*, 73, art. no. 4921, pp. 169-183.
34. Colombo, I.G., Colombo, M., di Prisco, M. (2015), TRC precast Façade sandwich panel for energy retrofitting of existing buildings, *American Concrete Institute, ACI Special Publication*, 2015-January (SP 305), pp. 30.1-30.10.
35. Colombo, M., Martinelli, P., di Prisco, M. (2015), A design approach for tunnels exposed to blast and fire, *Structural Concrete*, 16 (2), pp. 262-272.
36. Teixeira Buttignol, T.E., Colombo, M., di Prisco, M., Long-term aging effects on tensile characterization of steel fibre reinforced concrete, (2016) *Structural Concrete*, 17 (6), pp. 1082-1093.
37. di Prisco, M., Martinelli, P., Parmentier, B., On the reliability of the design approach for FRC structures according to fib Model Code 2010: the case of elevated slabs, (2016) *Structural Concrete*, 17 (4), pp. 588-602.
38. di Prisco, M., Martinelli, P., Dozio, D., The structural redistribution coefficient KRd: a numerical approach to its evaluation, (2016) *Structural Concrete*, 17 (3), pp. 390-407.
39. Colombo, M., Martinelli, P., di Prisco, M., On the blast resistance of high performance tunnel segments, (2016) *Materials and Structures/Materiaux et Constructions*, 49 (1-2), pp. 117-131.
40. Colombo, M., Martinelli, P., di Prisco, M., On the evaluation of the structural redistribution factor in FRC design: a yield line approach, (2017) *Materials and Structures/Materiaux et Constructions*, 50 (1).

BOOK EDITOR

41. di Prisco, M., Plizzari, G., *Fracture Mechanics in High Performance Concrete* (in Italian), ISBN: 88-88847-31-6 25121, 2003, BRESCIA: Starrylink (ITALY).
42. di Prisco M., *Statical verification of Leana dam* (in Italian) ISBN: 88-88847-45-6, 2004, BRESCIA: Starrylink (ITALY).
43. di Prisco, M., Felicetti, R., Plizzari, R., *Fibre-reinforced concretes*. ISBN: 2-912143-51-9 BAGNEUX Rilem Publications S.a.r.l. (FRANCE), *Proceeding of the International Conference, Varenna, 2 Volumes, PRO 39, 2004*, pp. 1-1516.

44. di Prisco M., Plizzari G., Ahmad S., Meyer C., Shah S., Fiber-reinforced concrete: from theory to practice. ISBN:88-8847-78-2, Proceedings of the international workshop on advances in fiber-reinforced concrete, Bergamo, September 24-25, 2004, Starrylink, pp. 1-221.
45. di Prisco M. (Ed.), 2007, Fibre Reinforced Concrete for Strong, Durable and Cost-saving Structures and Infrastructures. ISBN: 978-8889720-66-0, 2007, BRESCIA: Starrylink (ITALY).
46. Binda L., di Prisco M., Felicetti R., On site Assessment of Concrete, Masonry and Timber Structures. ISBN 978-2-35158-061-5, BAGNEUX Rilem Publications S.a.r.l. (FRANCE), Proceeding of the International Conference, Varenna, 2 Volumes, PRO 59, 2008, pp. 1-1232.
47. Cadoni, E. & di Prisco M. (2011), Performance, Protection and Strengthening of Structures under Extreme Loading, Proceedings of Third Int. Workshop PROTECT 2011, Lugano Applied Mechanics and Materials Volume 82, doi:10.4028/www.scientific.net/AMM.82.
48. Colombo, M. & di Prisco M.(2016), Proceedings of CONSEC 2016, in printing Materials Science & Engineering

Participation to Technical /Scientific Committees and organization of International Conferences

- 2000, Lion: Convegno BEFIB 2000 on Fibre Reinforced Concrete.
- 2003, Painsley: Nanotechnology in Construction.
- 2003, Pongau: Computational Modelling of Concrete Structures.
- 2004, Varenna: **Cochairman of the International Conference BEFIB 2004** on Fibre Reinforced Concrete.
- 2005, Vancouver: ConMat05 on Concrete Materials
- 2006, Mayrhofen: Computational Modelling of Concrete Structures.
- 2007, Catania: Fracture Mechanics of Concrete Structures.
- 2007, Tours: Concrete under Severe condition Environment and Loading.
- 2007, Mainz: High Performance Cement Composite.
- 2008, Kassel: Second International Symposium on Ultra-High Performance Concrete.
- 2008, Cape Town: Second International Conference on Concrete Repair, Rehabilitation and Retrofitting.
- 2008, Porto: Challenges for Civil Constructions CCC2008.
- 2008, Madras: Fibre Reinforced Concrete BEFIB2008.
- 2008, Varenna: **Sa.Co.Ma.TIS**
- 2009, Haifa: Concrete durability and service life planning.
- 2010, Euro C Schladming, Computational modelling of Concrete and Concrete Structures
- 2011, fib Praga, International Conference on Concrete Structures
- 2011, HPRCC6: Ann Arbor
- 2011, **PROTECT: Cochairman of the International Conference**
- 2012, Befib Guimares, on Fibre Reinforced Concrete
- 2012, FIBCON Nagpur India, on Fibre Reinforced Concrete structures
- 2012, fib Stockholm, International Conference on Concrete Structures
- 2012, Hypermat Kassel, on Ultra-High Performance Concrete
- 2012, ICCRRR Cape Town, International Conference on Concrete Repair, Rehabilitation and Retrofitting
- 2012, SSCS Aix en Provence, Numerical Modeling Strategies for Sustainable Concrete Structures
- 2012, HAC, Madrid on Self Compacting Concrete
- 2013, CONSEC, Nanjing, Concrete under Severe Environmental Conditions
- 2013, fib, Tel Aviv, International Conference on Concrete Structures
- 2013, ICCS, Tokyo, on Concrete Sustainability
- 2013, PROTECT, Mysore India, on Performance, Protection and Strengthening of Structures under Extreme Loadings
- 2014, fib, Mumbai, International Conference on Concrete Structures
- 2014, EURO-C, St. Anton, Computational modelling of Concrete and Concrete Structures
- 2014, CIC, Oslo on Concrete Innovation
- 2015, fib, Copenhagen, International Conference on Concrete Structures
- 2015, HPRCC 7, Stuttgart, High Performance Fibre Reinforced Cementitious Composites

- 2016, **BEFIB 2016, Vancouver, Cochairman of the International Conference**
- 2016, **CONSEC 2016, Lecco, Cochairman of the International Conference**