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## **CURRICULUM VITAE**

Born in Maccagno (VA) on June 22 1945, in 1968 he graduated cum laude in civil engineering at the University of Genoa, where immediately started his academic career at the Istituto di Scienza delle Costruzioni. As a full professor of Structural Engineering at the Polytechnic School in Genoa, he has taught several courses in this engineering sector and namely, in the most recent years: Steel Structures Design, Special Structures Design and Infrastructure Management and Monitoring. He retired on November 1st 2015 but he continues teaching this last course.

He has developed research activity at the international level on different subjects in Structural Engineering, Seismic Engineering and applications of numerical methods. He authored 190 scientific papers in the majority published on international conference proceeding and journals. For his more recent activity in the field of smart structures and structural health monitoring, he has been nominated Fellow of the Institute of Physics. He has been Associate Editor of the international journal "Smart Materials and Structures" and is member of the Editorial Board of the international journal "Structural Control and Health Monitoring"; in addition he acts as referee for some other international journals. He has been member of the Scientific Committees of many national and international conferences and has organized some international conferences in Genoa.

Until retirement, he has been faculty member of the PhD School in Civil Engineering at the University of Pavia. He also covered administrative positions at the University of Genoa, among which: member of the Board of Directors, Vice-President of the Center for Numerical Computation, President of the Opera Universitaria (a subsidiary organization for the management of student facilities and student grants) Director of the Structural Engineering Institute and President of the Civil Engineering Program. For nearly ten years he has been expert member of the Consiglio Superiore dei Lavori Pubblici (Ministry of Infrastructure), for port and maritime and transportation infrastructure.

He acts as an engineering professional and, since 1982, he is regularly consulting for the engineering Company D'Appolonia S.p.A. in Genoa, where he also has been partner and Vice-President of the Board. Actually, he covers the position of Technical Director for the civil and infrastructure engineering sector. While at D'Appolonia, he participated with different roles, from specialist consultant to design principal or construction director, in several projects of nuclear and conventional power plants, roads, highways and railways, ports, private and public buildings. Among the most recent of them: the widening of the A14 and A4 highways, a design phase of the international section of the new high speed railway line Lyon-Turin, the preliminary design of the submarine tunnel crossing the Port of Genoa, the rehabilitation design of the offshore Port of Manfredonia, the feasibility study of the new Port of Taman in the Russian Federation.

In addition, he has significant experiences in the structural rehabilitation of architectural heritage buildings: the Palazzo Ducale in Genoa, the Portofino Kulm Hotel, the upper Closter of S. Maria di Castello in Genoa, the Manica Nuova of the Royal Palace in Turin, the Royal Villa of Monza and the old navigation complex of the Darsena dei Navigli in Milan.

As representative of D'Appolonia, he is member of the UNI Technical Committee on Structural Engineering and coordinates the Working Group on Structural Health Monitoring.

Prof. Del Grosso is also active in claims management and forensic engineering. He has been expert consultant in several important arbitrations or court litigations concerning industrial plants, infrastructures and buildings and also in cases involving structural collapses or accidents occurred during construction. He is Country Representative for Italy of the Dispute Resolution Board Foundation (DRBF), an international institution aimed at promoting the use of Dispute Boards for the management, prevention and resolution of conflicts arising in construction contracts. He has covered the position of Chairman of the Technical Consulting Committee during the first phase of the realization of the railway node of Turin: one of the very few early experiences activated in Italy using the technique of the Dispute Boards. On behalf of the Foundation he has organized and chaired the Annual DRBF International Conference held in Genoa in May 2015.

He is full member of the Accademia Ligure di Scienze e Lettere, of several national and international technical-scientific associations and of the Rotary Club, where he received the Paul Harris Fellowship twice.

In the past, he has been member of the Board of the Ordine degli Ingegneri della Provincia di Genova for two terms and he member of the Board actually in charge.

Genoa, July 2016