

## **Biographical Outline and Academic Curriculum of Pietro Gambarova**

Pietro G. Gambarova was born in Milan, on September 1<sup>st</sup>, 1941. In 1971 he married Mariella Rozza; they have two sons, Alexander (1972, MS in Engineering) and Gabriel (1975, MS in Economics).

Pietro Gambarova received his MS Degree in Aeronautical Engineering in March 1966 from the Politecnico di Milano University and was awarded the gold medal as best graduate of that year. After two periods spent as an officer in the Corps of Engineers of the Italian Air Force (1966-67 and 1971), he joined the Department of Structural Engineering of the Politecnico di Milano University, where he held the position of Assistant Professor from 1968 to 1974. In 1975 he became Associate Professor and in 1980 Full Professor. He teaches courses on Structural Analysis and Design, Reinforced Concrete Plates and Shells, Fire Safety of Materials and Structures. He has been visiting professor (1976) at the National Somali University in Mogadisho, visiting scholar (1978 and 1982) at Northwestern University (Evanston, USA) and at EPFL-Ecole Polytechnique Fédérale de Lausanne (2006). In the years from 1984 to 1987 he served as Chairman of the Department of Structural Engineering.

Pietro Gambarova has conducted research on non-destructive analysis of structures and materials, shear and punching in R/C, bond mechanics in R/C, high-performance and fiber-reinforced concrete, non-linear analysis of R/C structures, and lately high-temperature degradation of high-performance concrete and R/C structures. He is the author or coauthor of two books on structural analysis and R/C plates, and of more than 180 papers, many of them published in well-known international journals or in the proceedings of international congresses and symposiums. Recently (2009) he coauthored the translation into Italian of the book “Structural Design for Fire Safety” by Andy Buchanan. Pietro Gambarova is a reviewer of papers submitted to journals and magazines published by ACI, ASCE, FIB and JSCE and is the managing editor of the annual volume “Studies and Researches” published by the Graduate School for the Design of Reinforced Concrete Structures under the sponsorship of the largest Italian cement producer.

Pietro Gambarova is a very active member of several national and international technical committees. He chaired the subcommittee for the preparation of the introductory chapter of FIB Bulletin No.10 “Bond of Reinforcement in Concrete” (August 2000). He co-organized the workshop “Fire Design of Concrete Structures: What now? What next?” (Milan, December 2004) and is one of the authors of FIB Bulletin No.46 “Fire Design of Concrete Structures: Structural Behavior and Assessment” (2008). He co-organized the International Conference FraMCoS -7 (Catania, Italy, June 2007). Very recently, he has been involved in the organization of the International Workshop on “Infrastructure Systems for Nuclear Energy” chaired by Prof. Thomas T. Hsu held in Taipei at the National Center for Research on Earthquake Engineering (December 2010).

Pietro Gambarova was honored for his outstanding contribution aimed at the identification of the physical mechanisms which characterize the behavior of high performance and fibre reinforced concrete subjected to high temperature and fire last year in Ann Arbor at HPFRCC6 Conference organized by Prof. Reinhardt, Prof. Naaman and Prof. Parra Montesinos.

