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Education: PhD in Nuclear Engineering cum laude, University of Bologna, Bologna-Italy, 1976.

PhD in Mathematics cum laude, University of Bologna, Bologna-Italy, 1981.

Work experience in the last 5 years: Professor of Structural Mechanics, Politecnico di Torino, Torino-Italy, 1986-.

Director Dept. Structural Engineering, Politecnico di Torino, Torino-Italy, 1989-1995.

Founding Member and Director – Graduate School in Structural Engineering, Politecnico di Torino, Torino-Italy, 1990-.

President of the European Structural Integrity Society (ESIS), 2002-2006.

President of the International Association of Fracture Mechanics for Concrete and Concrete Structures (IA-FraMCoS), 2004-2007.

President of the Italian Group of Fracture (IGF), 1998-2005.

Senior Vicepresident of the International Congress on Fracture (ICF), 2005-2009.

Vicepresident of the National Research Institute of Metrology (INRIM), Torino-Italy, 2006-2009.

Chairman of the Organizing Committee of the 11th International Conference on Fracture (ICF11), Torino-Italy, March 20-25, 2005.

Member of the Congress Committee of the International Union of Theoretical and Applied Mechanics (IUTAM), 2004-2012.

Member of the New York Academy of Sciences (founded in 1817), New York, USA, 1997-.

Member of the American Association for the Advancement of Science (founded in 1848 at the Academy of Natural Sciences in Philadelphia, Pennsylvania, USA), 1999-.

Member of the American Academy of Mechanics, USA, 2003-.

Fellow of the Turin Academy of Sciences (founded by G.L. Lagrange in 1783), Torino-Italy, 2005-; Member, 1995-2005.

Member of the Istituto Lombardo – Accademia di Scienze e Lettere, Milano-Italy, 2006-.

Member of the Accademia Teatina per le Scienze, Chieti-Italy, 2006-.

Member of the Academy of Santa Teodora, Capua-Italy, 1994-.

Member of the Scientific Editorial Board of the International Journals: "Theoretical and Applied Fracture Mechanics", 1984-, "Mechanics of Cohesive-Frictional

Materials", 1995-2000, "Numerical and Analytical Methods in Geomechanics", 2001-, "Strength, Fracture and Complexity", 2003-, "Engineering Fracture Mechanics", 2005-, "Physical Mesomechanics", 2005-, "International Journal of Fracture", 2006-. European Coordinator of the ILTOF Project (Innovative Learning and Training On Fracture), in the framework of the European Union Leonardo da Vinci Programme for Education and Culture, 2006-2008.

Member of the Expert Panel for the Research Evaluation of the Department of Civil Engineering at the Technical University of Denmark, Lyngby-Denmark, November 2007. Chair and Introductory Lecturer of Mini-Symposium 1 on "Cohesive Zone Models of Fracture and Failure", at the 22nd International Congress of Theoretical and Applied Mechanics, Adelaide-Australia, August 24-30, 2008.

Invited courses and lectures at universities and research centres in: Italy, Switzerland, Austria, France, Spain, Germany, The Netherlands, United Kingdom, Hungary, Poland, Greece, Denmark, Russia, Portugal, Finland, Sweden, Serbia, Turkey, Czech Republic, USA, Mexico, South Africa, India, Japan, Australia, China, Malaysia, Canada.

Awards

Robert l'Hermite International Prize, RILEM, Paris-France, 1982.

Recipient of JSME Medal, Japan Society of Mechanical Engineers, Tokyo-Japan, 1993.

Doctor of Physics Honoris Causa, The Constantinian University, Cranston-Rhode Island, USA, 1994.

International Cultural Diploma of Honor, American Biographical Institute, USA, 1995.

Honorary Professor, Nanjing Architectural & Civil Engineering Institute, Nanjing-China, 1996.

Honorary Professor, Albert Schweitzer University, Geneva-Switzerland, 2000.

Recipient of WIT Eminent Scientist Award, Wessex Institute of Technology, Southampton-U.K., 2000.

A. A. Griffith Medal for Fracture Mechanics, ESIS, 2008.

Technical, organizational and social skills: International Congress on Fracture (ICF), 1981-.

Réunion Internationale des Laboratoires d'Essais et de Recherches sur les Matériaux et les Constructions (RILEM), 1982-.

American Society of Civil Engineers (ASCE), Fellow Grade 1996-; Member Grade 1985-1996.

European Structural Integrity Society (ESIS), 1991-.

International Association of Fracture Mechanics for Concrete and Concrete Structures (IAFrAMCoS), 1991-.

International Union of Theoretical and Applied Mechanics (IUTAM), 1996-.

European Mechanics Society (EUROMECH), 1994-.

Loans managed for the last 5 years: European Coordinator of the ILTOF Project (Innovative Learning and Training On Fracture), in the framework of the European Union Leonardo da Vinci Programme for Education and Culture, 2006-2008.

Project Leader of the PROMOMAT project "Process development, innovative methods of implementing and design of composites high tech and coatings ceramics materials".

Founder: MiUR - Ministero dell'Università e della Ricerca (Italy), 2002-2005.

Publications for the last 5 years, licences or other products of research: [1] A. CARPINTERI; G. LACIDOGNA, Acoustic Emission and Critical Phenomena: From Structural Mechanics to Geophysics, CRC press/ Balkema (NLD), pp. X+271, 2008

- [2] A. CARPINTERI; G. LACIDOGNA, Earthquakes and Acoustic Emission, Taylor & Francis (GBR), pp. X + 199., 2007
- [3] A. CARPINTERI, New Trends in Fracture Mechanics of Concrete, Taylor & Francis, (GBR), pp. 1-640, 2007
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- [5] A. CARPINTERI, High-Performance Concrete, Brick-Masonry and Environmental Aspects, Taylor and Francis (GBR), pp. 1263-1886, 2007
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- Type of the role in the search:** Responsible