



## **Professor Andre Preumont**

**Foreign Member of the Lithuanian Academy of Sciences since 2008**

Emeritus Professor of Mechanical Engineering and Robotics Andre Preumont was born on February 18, 1951 in Herstal, Belgium. He is Civil engineer in aeronautical construction, Doctor of applied sciences, Professor at the Free University of Brussels and lecturer at the University of Liège, Specialist in robotics and vibration structures (earthquakes, precision engineering, satellites, telescopes,), Director of the Active Structures Laboratory of the Free University of Brussels. His current researches include Adaptive Optics, Active damping of structures and flapping wing robots.

### **Education:**

M.Sc., Ingénieur Civil des Constructions Aéronautiques (aeronautics) (University of Liège 1973),  
Ph.D., Docteur en Sciences Appliquées (University of Liège, 1981) Dissertation:"Analyse Sismique du Coeur d'un Réacteur Nucléaire PWR".

### **Previous Positions:**

1974/1975: Design Engineer at Coppee-Rust Engineering,  
1976/1985: Consultant for Belgonucleaire,  
1985/1986: Visiting Professor, Aerospace and Ocean Engineering Department of Virginia Polytechnic Institute and State University, USA,  
1986/1987: Consultant for Belgonucléaire and Part-time Lecturer at the University of Liège,  
1987/1992: Associate Professor (Chargé de cours) at ULB,  
1992/2016: Full Professor of Mechanical Engineering and Robotics Director of the Active Structures Laboratory, Université Libre de Bruxelles. Part-time professor at the University of Liege,  
1999/2005: Scientific Adviser at MICROMEGA Dynamics S.A. (Angleur, Liège),  
2005/2006: Visiting Professor, UTC Compiègne (France), Laboratoire Roberval,

2007: Visiting Professor, INSA de Lyon (France), Laboratoire de Mécanique des Contacts et des Structures,

2008/2009: Chercheur Associé CNRS, INSA de Lyon (France), LaMCoS,

2014/2015: Visiting Professor, Politecnico di Milano.

**Scientific prizes and honours:**

1981, AILg Prize for his Ph.D. Dissertation. (University of Liege Alumni),

1983, International Vinçotte Prize for "his contribution to the seismic analysis of Nuclear Power Plants",

1987, Louis BAES Prize from the Belgian Academy for his work in Random Vibration,

2000, Five-year FNRS Scientific Prize in Applied Exact Sciences (1996-2000) (Dr A.DeLeeuw-Damry-Bourlart Prize) "for his fundamental scientific contribution and numerous industrial applications in modelling and active control of complex mechanical structures",

2006, Médaille d'Or Gustave Trassenster de l'AILg (University of Liege Alumni),

2008, Foreign Member of the Lithuanian Academy of Sciences,

2009, Member of the Belgian Royal Academy,

2011, Alexander von Humboldt Research Award (F.R.Germany, U. Darmstadt),

2013 Fellow of the American Institute of Aeronautics and Astronautics.

He is the author of several books on Vibration Control and 286 publications. The list of publications you can find in: <http://scmero.ulb.ac.be/team.php>