

Romanian Academy Corresponding member of the Romanian Academy Prof. Liviu MARȘAVINA, PhD

The General Assembly of the Romanian Academy elected by secret vote on 21st November 2018 four titular members and five corresponding members. Prof Liviu Marșavina from Politehnica University Timișoara was among the corresponding members (<http://www.acad.ro/bdar/armembriC.php>).

Prof Liviu Marșavina has outstanding contributions in Strength of Materials, Fracture Mechanics and Fatigue, Material Testing, Experimental and Numerical Stress Analysis. He is recognized at national and international level as an expert in experimental determination of fracture mechanics parameters, numerical simulation of crack propagation and development of modern methods for estimating integrity and durability of components and structures.

His research activity was performed on international research projects at Loughborough University (UK), University of Sheffield (UK), Ghent University (Belgium), Lublin University of Technology (Poland), Slovak Academy of Science (Slovakia), Università degli Studi di Cagliari (Italy), national and international grants and research contracts with multinational companies like Rolls Royce (UK), Adidas (Germany), Continental Automotive (Romania), TRW Automotive (Romania).

Prof. Marșavina was invited lecturer at important scientific events like: the workshop *Best Practices for Advanced Fracture Assessment* organized by European Commission – Joint Research Center, Institute for Energy, Petten, (Netherland) 2004, at the *9th International Fracture Mechanics Summer School*, Varna (Bulgaria) 2005, at two advanced courses organized by CISM Udine (Italy) in 2009 and 2013, at the workshop *Frontiers on structural dynamics* at Beijing University of Civil Engineering and Architecture (China) 2017, symposium *7th Israelian Structural Integrity Group* at Tel Aviv University (Israel) 2018.

Prof. Marșavina is member in the Editorial board of *Fatigue and Fracture of Engineering materials and Structures* (Wiley) from 2016, *Frattura ed Integrità Strutturale* (Italian Group of Fracture) from 2014, *International Journal of Structural Integrity* (Emerald) from 2009, *Proceedings of the Romanian, Series A: Mathematics, Physics, Technical Sciences, Information Science* (Romanian Academy) from 2018. Also, he was editor of special issues for journals: *Fatigue and Fracture of Engineering materials and Structures*, Virtual Issue – *Mixed Mode Loading: Recent Developments* (2016); *Advances in Materials Science and Engineering*, Special



Issue – *Brittle or Quasi-Brittle Fracture of Engineering Materials* (2016); *Theoretical and Applied Fracture Mechanics*, Special Issue *Mixed Mode Fracture* (2017); *Materials*, Special Issue – *Advances in Metal Foams* (2018–2019). Prof. Marsavina is reviewer for more than 20 international journals.

As an international recognition prof. Marșavina is from 2014 co-chairman of the Technical Committee **TC13 – Education of European Structural Integrity Society** (ESIS) and representative of Romania in ESIS from 2006. At the 22nd European Conference on Fracture, held in Belgrade 26–31 August 2018, he was elected Vice President of *European Structural Integrity Society*.