

Curriculum Vitae

Personal Details

Name and Surname: **Marsavina Liviu**
Date and place of Birth: 23.09.1963, Anina, ROMANIA
Nationality: Romanian, Marital Status: married / one child

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Current Position

- Name Company: University POLITEHNICA Timisoara, ROMANIA
Job: Professor at Department Strength of Materials, Period: since 10.2006

Previous Positions

- Name Company: Electrical Instruments Manufactory from Timisoara, ROMANIA
Job: Mechanical Engineer, Period: 10.1988 - 09.1990
- Name Company: University POLITEHNICA Timisoara, ROMANIA
Job: Assistant Professor at Department Strength of Materials, Period: 10.1990 - 02.1996
- Name Company: University POLITEHNICA Timisoara, ROMANIA
Job: Lecturer at Department Strength of Materials, Period: 03.1996 - 09.1999
- Name Company: University POLITEHNICA Timisoara, ROMANIA
Job: Senior Lecturer at Department Strength of Materials, Period: 10.1999 – 09.2006
- Name Company: University of Sheffield, UK
Job: Research Associate at Department of Mechanical Engineering, Period: 07.2001 – 07.2002
- Name Company: Lublin University of Technology, POLAND
Job: Marie Curie Experienced Researcher, Period: 01.2007 – 07.2008

Positions:

- Director of Mechanics and Strength of Materials Department since 2016
- Head of Strength of Materials Department from University POLITEHNICA Timisoara, period 2008-2011.
- Member of the CSUD (Council of Doctoral Studies) from University POLITEHNICA Timisoara 2012 - 2016.
- PhD supervisor from 2007, 10 PhD finalized; member in the committee for PhD examination/defence at University POLITEHNICA Timisoara, POLITEHNICA University of Bucharest, Lille University (France), Loughborough University (UK).
- Member in the CNTDCU (National Council for Titles, Diplomas and University Certificates) of Romanian Ministry of Education, period 2010 - 2012.
- Member in the CNCS (National Council of Scientific Research) of Romanian Ministry of Education, from 2011.

Education and Qualifications

- University: Faculty of Mechanical Engineering, **University POLITEHNICA Timisoara**, ROMANIA (5 years) graduated in 1988.
- Post graduate course: **“Experimental Stress Analysis”**, at **Polytechnic Institute from Bucharest**, ROMANIA, graduated in 1994.

- Advanced course: "**Fracture Mechanics in Structural Concrete**" at **International Center for Mechanical Sciences**, Udine, ITALY, 1997.
- PhD Thesis: "**Numerical Methods Used in Fracture Mechanics**", at **University POLITEHNICA Timisoara**, ROMANIA, 1998.
- Euromech Colloquium **386 "Dynamics of Vibro-Impact Systems"**, at **Loughborough University**, UK, September 1998
- Advanced Study Institute: **NATO ASI "Multiscale Phenomena In Plasticity: from Experiments to Phenomenology"**, Ouranopolis, GREECE, September 1999.
- Postdoctoral fellowship: "**Interface Bimaterial Cracks and Bonded Joints**", at **Loughborough University**, UK, period February – August 2000.
- "**Durability**" Seminar, organized by Wessex Institute of Technology, UK, March 2000.
- Course "**Optical Methods in Solid Mechanics**" Department of Mechanical Engineering, **Loughborough University**, UK, period March – June 2000.
- Course „**English for Scientists**“, organized by English Language Teaching Center, from **University of Sheffield**, UK, period October – December 2001.
- Course „**Academic Writing**“, organized by English Language Teaching Center, from **University of Sheffield**, UK, period February – May 2002.
- PECO Workshop IE – W03 "**Best Practice of Advanced Fracture Assessment**", Petten, NEDERLAND, April 2003.
- Advanced course: "**Multiscale Modelling of Damage and Fracture Processes in Composite Materials**" at **International Center for Mechanical Sciences**, CISM Udine, ITALY, May 2004.

Invited Lecturer

- at **Universita Politecnica di Catalunya, Barcelona**, SPAIN in the Erasmus – Socrates Program, May – June 2001.
- at **Universita degli Study Cagliari**, ITALY in the Erasmus – Socrates Program, June 2001.
- at **Universita degli Study Firenze**, ITALY in the Erasmus – Socrates Program, March 2005.
- at **International Fracture Mechanics Summer School**, Varna, BULGARIA, September 2005.
- at **Loughborough University**, UK in the Leonardo da Vinci Program, October 2005.
- at **K. Wiegardt & G. R. Irwn Centenary Conference on Structural Integrity in the Service of Public Safety**, Vienna, AUSTRIA, March 2007.
- **1st African Interquadrilateral – International Conference on Fracture**, Alger, ALGERIA, June 2008.
- **NATO Advanced Research Workshop, Security and Reliability of Damaged Structures and Defective Materials**, Portoroz, SLOVENIA, October 2008.
- Six lectures "**Fracture Mechanics of Cellular Solids**" at Advanced Course "**Cellular and Porous Materials in Structures and Processes**" held at Centre International de Sciences Mechaniques – CISM Udine, ITALY, September - October 2009.

Publications and citations

- 140 publications indexed in Web of Science, 84 in peer review journals,
- 881 total citations (574 without self-citations) in Web of Science, Hirsh Index 15,
- 160 publications in SCOPUS,
- 1025 total citations, Hirsh Index 16.

Member in Editorial Board

- International Journal of Structural Integrity
- Fatigue and Fracture of Engineering materials and Structures

- Frattura ed Integrita Strutturale

Reviewer

- Fatigue and Fracture of Engineering Materials and Structures (Blackwell Ltd.) from 2001.
- Journal of Sound and Vibration (Elsevier) from 2006.
- Computational Material Science (Elsevier) from 2006.
- Construction and Building Materials (Elsevier) from 2007.
- International Journal of Solids and Structures (Elsevier) from 2009.
- Mechanical Research Communications (Elsevier) from 2009.
- Mechanics of Advanced Materials and Structures (Taylor and Francis) from 2009.
- Journal of Mechanical Science and Technology (Springer) from 2010.
- Engineering Fracture Mechanics (Elsevier) from 2010.

Scientific society membership:

- **ESIS** (European Structural Integrity Society) Co - Chair of TC13 Education, from 2014, Vice President from 2018 .
- **ARTENS** (Romanian Society for Experimental Stress Analysis).
- **ARMR** (Romanian Association for Fracture Mechanics), Vice-president from 2002 – 2004, 2006 – 2008, from 2010 – present.
- **Committee “Strength of Materials. Elasticity. Plasticity” of the Romanian Academy - Branch TIMISOARA.**
- **EUROMECH.**
- **eu-ra** (European Research Associates).