

Prof. Ing. Jan Sladek, DrSc.

Head of the Department of Mechanics, Institute of Construction and Architecture, Slovak Academy of Sciences, 845 03 Bratislava, Slovakia

CURRICULUM VITAE

Name: Jan SLADEK
Date of birth: 23 August, 1952
Nationality: Slovakia
Current position: Head of Dept. Mechanics, Institute of Construction and Architecture
Slovak Academy of Sciences (SAS), Slovakia
Phone: +42-12-54788662
Fax: +42-12-54773548
E-mail: usarslad@savba.sk
Internet: http://www.ustarch.sav.sk/staff/basic-info/?user_no=1592&publication_author_id=0000567

Education

1976: MSc, Dept. Mech. Eng., Techn. Univ. of Transport and Telecom., Zilina, Slovakia
1981: PhD, Slovak Academy of Sciences, Bratislava, Slovakia
1990: DrSc, Slovak Academy of Sciences, Bratislava, Slovakia
1994: Asoc. Prof., Dept. Civil Eng., Slovak Technical University, Bratislava, Slovakia
2002: Professor, Technical University of Zilina, Slovakia

Professional experiences

1981 – 1993: Research Scientist, Institute Construction and Architecture, SAS, Slovakia
1993 – 1997: Deputy Director, Institute Construction and Architecture, SAS, Slovakia
1997 – 2005: Director, Institute Construction and Architecture, SAS, Slovakia
2005 – now: Head of Dep. Mechanics, Institute Construction and Architecture, SAS, Slovakia

Research stay in abroad

1988: Visiting Professor (6 months), Cornell University, USA
1992: Research Scientist (6 months), Shinshu University, Japan
1994: Research Scientist (3 months), Wessex Institute of Technology, UK
1998: Research Scientist (3 months), University of California at Los Angeles, USA
1998: Research Scientist (2 months), Technical University of Vienna, Austria
1999: Visiting professor (2 months), University of Gent, Belgium
2001: Visiting professor (1 month), Northwestern University, USA
2004: Visiting professor (1 month), University California, Irvine, USA
2005: 3 months DFG research stay, University of Siegen, Siegen, Germany
2006-07: 1 year DFG research stay, University of Siegen, Siegen, Germany

- 2007-08: Visiting professor (6 months), University of London, Queen Mary College, U.K.
2008: Visiting professor (1 month), University California, Irvine, USA
2012: Visiting professor (1 month), University California, Irvine, USA
2017: Visiting professor (1 month), Texas Tech University, Lubbock, USA

Main research fields

- Computational methods in solid mechanics
- Boundary element method (BEM)
- Meshless methods
- Advanced continuum models with size effect in nano-structures
- Fracture mechanics in composite materials
- Modeling of smart structures

Honors, awards, fellowships, membership of professional societies

- Prize of Slovak Academy of Sciences 1985, 2003
- Eric Reissner Medal in USA 2010
- JSPS fellowship (Japan)
- DAAD fellowship (Germany)
- IAEA fellowship
- Royal Soc. UK fellowship
- Cornell University fellowship
- Intern. Soc. for Boundary Elements (ISBE)
- Central European Assoc. for Computational Mechanics (CEACM)
- Member of Int. Soc. Comput. Eng. & Sciences (ICCES)
- President of Slovak Society for Mechanics 1996-2011
- Award for highly cited researcher from Slovak Literary Fund, 2012
- Humboldt Prize 2019

Member of committees

- Member of Scientific Committee for Mechanics since 1990, since 1995 general secretary
- Member of Committee for Scientific Degrees at Ministry of Education of Slovakia 1993-2006, 2015-...
- Member of Governmental Committee for Evaluation of Slovakian Universities 2002-2008

Journal editorial member

- Member of editorial board for Jour. Computational and Applied Mechanics

- Assoc. editor for CMES-Computer Modeling in Engineering & Sciences
- Member of editorial board for Electronic Jour. Boundary Elements
- Member of editorial board for Journal of Mechanical Engineering
- Member of Editorial Board of International Journal of Applied Mechanics
- Member of Editorial Board of the Series on Damage and Fracture Mechanics
- Member of Editorial Board of Journal of Multiscale Modelling (JMM)
- Member of Editorial Board of Engineering Analysis with Boundary Elements (EABE)

Publications

See: <http://scholar.google.com/citations?user=EuDw2JcAAAAJ&hl=en>

Citations 8735, Hirsh index 49

WOS citations: 5212, Hirsh Index: 40

WOS papers: 307