

**Prof. Ing. Jan Sladek, DrSc.**

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**CURRICULUM VITAE**

**Name:** Jan SLADEK  
**Date of birth:** 23 August, 1952  
**Nationality:** Slovakia  
**Current position:** Professor at Dept. Mechanics, Institute of Construction and Architecture  
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**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 – 2023: 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  
2019: Visiting professor (6 months), University of Stuttgart, Germany  
2024: Visiting professor (1 month), University of Xian and Nanchang, China  
2024: Visiting professor (1 month), University National Yang Ming Chiao Tung University (NYCU), Hsinchu, Taiwan

**Main research fields**

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

- Modeling of smart structures
- Flexoelectricity and flexomagnetism

#### **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
- **Member of Slovak Academy of Sciences**
- **Member of Academy of Europea**
- 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
- Member of Governmental Committee for Evaluation of Slovak Universities 2002-2008

#### **Journal editorial member**

- Member of editorial board for Jour. Computational and Applied Mechanics
- 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 12913, Hirsh index 59

WOS publications: 382, WOS citations: 7875, Hirsh Index: 48