



## CURRICULUM VITAE

*Name, title:* **Jan Dusza, Professor**

*Sci.degree:* RNDr., PhD., DrSc.,

*Position(s):* Head of the Research Centre for Advanced Materials and Technologies – **PROMATECH**,  
<https://promatech.sk/>

Member of the Presidium of the Slovak Academy of Sciences,  
2013 - 2017.

URL: [http://www.sav.sk/index.php?lang=en&doc=user-org-user&user\\_no=1414](http://www.sav.sk/index.php?lang=en&doc=user-org-user&user_no=1414)

*Linguistic knowledge:* Good: English, Hungarian

*Field(s) of research activity:* Microstructure and mechanical properties of silicon nitride and silicon carbide based monolithic ceramics, ceramic matrix composites, nano-composites, layered composites and coatings; UHTCs, High – Entropy Ceramics, High temperature characteristics of brittle materials / creep, slow crack growth, oxidation, etc.; Fractographic failure analysis of brittle materials; Micro/Nano-mechanical testing of advanced ceramics.

*Management activities:* Preparation and management of national and international projects (VEGA, APVT, European Commission 5<sup>th</sup> – 7<sup>th</sup> EU

framework program, Phare, British Council, Royal Society, BMFT, COST, etc.). Management of EU Structural Fund Projects

*Membership, functions:*

- Head of the Scientific College of the Slovak Academy of Sciences for electronics, materials research and technology;
- Head of the Slovak DrSc. theses defense committee,
- member of the Slovak Society for Advanced Materials,
- member of the Slovak Grant Agency (1995-1998),
- member of the advisory committee at the Slovak Ministry of Defense,
- member of the European Standardization Committee (CEN), TC184/WG3,
- member of the European Structural Integrity Society (ESIS), Chair for the Task group 6 - Ceramics
- member of the Advanced Materials and Standards (VAMAS),
- head of the scientific committee at the IMR SAS
- member of scientific committees for numerous NATO workshops and international conferences,
- chairman of the conferences Fractography of Advanced Ceramics,
- member of the Governing Board of EUROSCIENCE, to 2005,
- member of the Hungarian Academy of Sciences,
- member of the Slovak Learn Society,

*Awards, prizes, grants:*

- 1987 – DAAD, Max Planck Institute, Stuttgart
- 1989-1990 - Alexander von Humboldt Fellowship, Stuttgart
- 1993 - Award of the BMFT, Germany
- 1993 – EC fellowship, QMW College, University of London
- 1994 - US-Slovak grant, Oak Ridge,
- 1995 – Lisa Meitner fellowship, University of Vienna,
- 1995 – British Council grant, QMW College, University of London,
- 1996 – JSPS fellowship, Japan Fine Ceramics Centrum, Nagoya,
- 1998 - EC Fellow, JRC, IAM Petten
- 1998 – Austria/Slovak grant, Montanuniversity, ISFK, Leoben
- 1999 – Hertha Filnberg fellowship, Austrian Research Center Seibersdorf, Seibersdorf
- 2001– EC 5<sup>th</sup> Framework project
- 2002– Centre of Excellence SAS
- 2002 – Royal Society Project, University of London
- 2004 – NENAMAT EC6th Framework project –Coordinator
- 2004 – KMM- NoE EC6th Framework project

- 2008 - INTEG-RISK EC7th Framework project
- 2008 - DEMATEN EC7th Framework project
- 2009 - IMPROVING EC7th Framework project
- 2010 - ISWA EC7th Framework project
- 2011 – INVIN EC7th Framework project
- 2009 – Award of the SAS – For excellent research activities
- 2012 – Award of the SAS – For infrastructure building
- 2012 – Academician of the World Academy of Ceramics,
- 2014 – Dennis Gabor Award, Budapest, Hungary
- 2015 – Fellow of the European Ceramic Society
- 2015 – SHORT – TERM OVERSEA EXPERT,  
NORTHWESTERN POLYTECHNICAL  
UNIVERSITY, XI'AN, CHINA
- 2016 – Jedlik Anyos Award, Slovakia
- 2016 – Adjunct professor, NWPU, XI'AN, CHINA
- 2018 – Inducted in to the "Hall of the Fame" during the  
Kosice Citizen of the City Awards 2017
- 2021 – ESET Science Award
- 2021 – Alexander von Humboldt Award
- 2022 – Gold medailon of the Slovak Academy of Sciences
- 2023 – Stuijts Award, European Ceramic Society

*Publications:* more than 400 (298 in SCOPUS) publications, 5 patents

*Citations:* 5490/4615 citations in SCOPUS, h index 41/36

*Teaching activity:*

- Technical University Kosice, Slovakia
- University of P.J.Safarik – Kosice, Slovakia
- visiting professor Kepler University Linz, Austria,
- visiting professor ELTE University Budapest, Hungary
- visiting professor Wildau, Germany
- Slovak University of Technology, Trnava
- Obuda University, Budapest, Hungary

*Long term positions abroad:* 1989-1990 Max Planck Institute, PML, Stuttgart  
 1991 Forschungszentrum Karlsruhe  
 1993 QMW College, London  
 1995 University of Vienna, Vienna  
 1998-1999 – Joint Research Center, Institute of Advanced  
 Materials, European Commission, Petten  
 1999-2000 Austrian Research Center, Seibersdorf.

Košice, November, 2023