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Current position(s):

Head of the Division of ceramic and non-metallic systems

Head of the Research Centre for Advanced Materials and Technologies PROMATECH

Field(s) of research activity:

Microstructure and mechanical properties of advanced ceramics, ceramic matrix composites, nano-composites, ultra high temperature ceramics and high entropy ceramics;

Education:

2004 Prof., Technical University in Košice, Košice, Slovakia, *Field: Materials*

1995 DrSc., Technical University in Košice, Košice, Slovakia, *Field: Physical Metallurgy*

1976 Master, ELTE University in Budapest, Hungary, *Field: Material Physics*

Experience:

1977 - Institute of Materials Research of the Slovak Academy of Sciences

1999 - 2000 Austrian Research Center Seibersdorf – Hertha Filnberg fellowship

1998 - 1999 Joint Research Center, Institute of Advanced Materials, European Commission, Petten – EC Fellow

1995 University of Vienna, Vienna – Lisa Meitner fellowship

1989 - 1990 Max Planck Institut, PML, Stuttgart – Alexander von Humboldt Fellowship

Projects:

Coordinator/partner of more than 30 International (8 EU FP projects) and Slovak projects.

Publications/Patents/PhD students

- 291 publications, citations - 4964/4157, h-index: 38/34 in SCOPUS
- 4 patents,
- 15 PhD students finished, 5 currently

Invited lectures: more than 60

Awards:

2022 Alexander von Humboldt Award, Germany

2021 ESET Science Award, Slovakia

2020 Arany János Award, Hungary

2018 "Hall of the Fame" during the Kosice Citizen of the City Awards 2017

2016 Adjunct professor, NWPU, XI'AN, China

2016 Jedlik Anyos Award, Slovakia
2015 Fellow of the European Ceramic Society
2014 Dennis Gabor Award, Budapest, Hungary
2012 Academician of the World Academy of Ceramics
2009 Award of the Slovak Academy of Sciences– For excellent research activities
2008 Academician of the Hungarian Academy of Sciences,