



Curriculum Vitae

Personal information

Name & Surname Jozef Kúdelčík
Department: Department of physics
Research group: Department of acoustic and materials
Research group web-page: <https://fyzika.uniza.sk/oddelenie-akustiky-a-materialov/>
Research rank R4 – leading researcher
Scientific identifiers
ORCID: 0000-0003-3470-7998 WoS ID: AAB-7535-2020 Scopus ID: 23108976600

Education

02/2021 Professor, Faculty of Electrical Engineering and Information Technologies, University of Žilina, Slovakia
05/2011 Associate Professor, Faculty of Electrical Engineering, University of Žilina, Slovakia
08/2003 PhD., Faculty of Mathematics and Physics, Comenius University in Bratislava, Slovakia
07/1998 MSc., Faculty of Mathematics and Physics, Comenius University in Bratislava, Slovakia

Current position

1/2020 – present professor, Faculty of Electrical Engineering and Information Technologies, University of Žilina, Slovakia

Previous positions

09/2018 – 12/2019 associate professor, Faculty of Electrical Engineering, University of Žilina, Slovakia
08/2025 – 08/2018 scientist, Faculty of Electrical Engineering, University of Žilina, Slovakia
09/2000 – 07/2005 assistant professor, Faculty of Humanities, University of Žilina, Slovakia
09/1998 – 08/2000 assistant professor, Faculty of Natural Sciences, University of Žilina, Slovakia

Scholarships

04/2025 – 06/2025 Lublin University of Technology, Poland, Visegrad Fellowship /grant
10/1996 – 12/1996 Leopold-Franzens-Universität Innsbruck, Slovakia, ERASMUS/grant

Awards

09/2025 Science award/Slovak Physical Society, Slovakia
09/2021 Dean's Award for Publication Activity/FEIT, Slovakia

Students & post-docs supervisions

No. MSc. students
7

No. PhD. students
2+1

No. Post-docs
0

Organization of scientific meetings & conferences

2025	28. konferencia slovenských fyzikov/ program committer, Prešov, Slovakia
2024	27. konferencia slovenských fyzikov/ local conference chair, Žilina, Slovakia
2020,2022,2024,2026	Conference on Diagnostics in Electrical Engineering (Diagnostika 2024) / International Technical Program Committee, Pilsen, Czech Republic
2020,2022,2024	ELEKTRO/ International Technical Program Committee, Taormina/Italy, Krakov-Zakopane, Poland

Institutional responsibilities

01/2023 – present	Vice-Chairman, Faculty of Electrical Engineering and Information Technologies (FEIT), University of Žilina, Žilina, Slovakia
03/2022 – present	co-garant of the study programme Electrical engineering and materials, FEIT, University of Žilina, Žilina, Slovakia
02/2022 – present	co-garant of the study programme Photonics, FEIT, University of Žilina, Žilina, Slovakia
02/2022 – present	co-garant of the study programme Electro-optics, FEIT, University of Žilina, Žilina, Slovakia
01/2012 – present	supervisor of the study programme Electrical engineering and materials, Faculty/University, City, Slovakia

Editorial and reviewing activities

Lead journal editor	Member of editorial board of journal	No. journal reviews
0	0	50+

Membership in scientific societies

1995 – present	Slovak Physical Society, Slovakia Vice-Chairman (since 2021), Chairman (since 2025)
1998 – present	Jednota slovenských matematikov a fyzikov, Slovakia

Principal investigator projects

Project name	Funding agency
Research into sustainable resins with high efficiency and using raw materials from renewable sources	APVV-21-0078
UNIZA grant: Innovative solutions of nanocomposite dielectric materials for use in the field of electrical engineering and electromobility	University of Žilina - VP 17140
Research and optimization of discharge for unconventional geotechnical drilling systems	VEGA - 1/0622/24
Engineering platform and cooperation in area of nanocomposites	Visegrad Fund - 22010345
Research and characterization of nanostructures using acoustic spectroscopy methods	VEGA - 1/0510/17

Scientific collaborations

- 1 – University of West Bohemia, Pilsen, Czech Republic
Topic/Area: The research is focus in the field of technical diagnostics with for analysis of insulating properties of materials and on the study of nanocomposite materials for application high voltage devices
- 2 – Lublin University of Technology, Lublin, Poland
Topic/Area: The research is focus on the field of the study of the aging processes of insulating materials oil-paper for high-voltage devices. Study of impulse breakdown using Marx generator.
- 3 – Budapest university of technology and economics, Budapest, Hungary
Topic/Area: The research is focus on the field of a long cross-border cooperation, which is focus on the study of nanocomposite materials for application high voltage devices.

Publications

No. journal publications					No. conference publications	
<i>Q1</i>	<i>Q2</i>	<i>Q3</i>	<i>Q4</i>	<i>No-Q</i>	<i>Invited/Keynote</i>	<i>Contributed</i>
6	5	11	13	49	2	25