



Curriculum Vitae

Personal information

Name & Surname: Ladislav Janoušek
Department: Department of Electromagnetic and Biomedical Engineering
Research group: Electromagnetic biocompatibility
Research group web-page: <https://ktebi.uniza.sk/#>
Research rank: R4 – leading researcher

Scientific identifiers
ORCID: 0000-0002-4823-8910 WoS ID: H-1309-2018 Scopus ID: 55885412600
HCH-1413-2022

Education

11/2015: Professor, Faculty of Electrical Engineering and Information Technology, University of Žilina, Slovakia
11/2007: Associate Professor, Faculty of Electrical Engineering, University of Žilina, Slovakia
07/2002: PhD., Faculty of Electrical Engineering, University of Žilina, Slovakia
06/1997: MSc., Faculty of Electrical Engineering, University of Žilina, Slovakia

Current position

03/2016 – up to day: University professor, Head of department; Faculty of Electrical Engineering and Information Technology, University of Žilina, Slovakia

Previous positions

02/2008 – 02/2016: Associate professor, Vice-dean for international affairs and development; Faculty of Electrical Engineering, University of Žilina, Slovakia
05/2005 – 01/2008: Assistant; vice-head of department; Faculty of Electrical Engineering, University of Žilina, Slovakia
08/2002 – 03/2005: Researcher; IIU Corp., Tokyo, Japan
09/1997 – 07/2002: Researcher; Electrotechnical research and projecting company, Nová Dubnica, Slovakia

Scholarships

09/2025 – 09/2025: RWTH Aachen, Germany, ERASMUS+
04/2025 – 04/2025: National University of Science and Technology POLITEHNICA Bucharest, Romania, ERASMUS+
11/2024 – 11/2024: University of Catania, Italy, ERASMUS+
05/2024 – 05/2024: University of Catania, Italy, ERASMUS+
11/2022 – 11/2022: Technical University of Liberec, Czech Republic, ERASMUS+
09/2020 – 09/2020: University of West Bohemia, Pilsen, Czech Republic, ERASMUS+
10/2013 – 10/2013: Technical University of Bucharest, Romania, SRDA
08/2002 – 03/2005: International Institute of Universality, Tokyo, Japan
05/2001 – 05/2001: Dresden University of Technology, Germany, ERASMUS
02/2000 – 03/2000: Technical University Vienna, Austria, Tempus
10/1999 – 11/1999: Ruhr University Bochum, Germany
06/1998 – 07/1998: EUFORCE TU Eindhoven, Nederland, Tempus

08/1995 – 09/1995

Helsinki University, Finland, Tempus

Awards

10/2022	ESET Science Award 2022 – finalist in the category Outstanding Academician, Bratislava, Slovakia
03/2022	J.A. Comenius plaque for extraordinary pedagogical activities awarded by the University of Žilina, Žilina, Slovakia
12/2019	Award from the Rector of University of Žilina in the category Scientist of the University of Žilina for the year 2019, 17.12.2019, Žilina, Slovakia
09/2015	Award for three-year scientific citation in the category of technical sciences and geosciences, Literature institution of Slovak Republic, Bratislava, Slovakia
11/2008	"Technologist of the year 2008 in Slovak Republic" awarded by the Journalist-Studio Bratislava and the Scientific and Technological Journalists' Club of the Slovak Syndicate of Journalists for scientific and research activities in the field of non-destructive investigation of conductive materials using electromagnetic methods, especially the eddy current method, Bratislava, Slovakia
05/2005	"Shoureisyoun" - award for supporting further research for the year 2005 awarded by the Japan Society for Non-Destructive Inspection. The award, awarded once a year, is based on significant contribution to non-destructive investigation, Tokyo, Japan
01/2005	"Best Paper Award" awarded by the Japan Society for Non-Destructive Inspection for the contribution at the 8th Symposium on Non-destructive Surface Testing, Tokyo, Japan
10/2002	"Werner von Siemens Excellence Award" for dissertation thesis in 2001/2002, Bratislava, Slovakia
11/1997	"Grand Prix of Volksbank" award for best graduate of University of Žilina in the academic year 1996/97, Bratislava, Slovakia

Students & post-docs supervisions

No. MSc. students

7

No. PhD. students

9

No. Post-docs

4

Organization of scientific meetings & conferences

2022	Computational Problems of Electrical Engineering "CPEE2022", chairman, Zuberec, Slovakia
2019	Trends in Biomedical Engineering, chairman, Terchová, Slovakia
2018	Computational Problems of Electrical Engineering "CPEE2018", chairman, Banská Štiavnica, Slovakia
2014	Computational Problems of Electrical Engineering "CPEE2014", chairman, Terchová, Slovakia
2013	The 18 th International Workshop on Electromagnetic Nondestructive Evaluation "ENDE2013", co-chairman, Bratislava, Slovakia

Institutional responsibilities

05/2023 – up to day	member, Academic Senate of the University of Žilina, Slovakia
06/2023 – up to day	chairman, Academic Senate of the Faculty of Electrical Engineering and Information Technology, University of Žilina, Slovakia
05/2019 – 05/2023	member, Academic Senate of the Faculty of Electrical Engineering and Information Technology, University of Žilina, Slovakia
07/2017 – up to day	head of department, Department of Electromagnetic and Biomedical Engineering, Faculty of Electrical Engineering and Information Technology, University of Žilina, Slovakia
11/2012 – 11/2016	vice-dean for international affairs, Faculty of Electrical Engineering, University of Žilina, Slovakia

Editorial and reviewing activities

Lead journal editor

-

Member of editorial board of journal

2

No. journal reviews

65

Membership in scientific societies

2005 – up to day

Japan Society for Non-destructive Inspection (JSNDI), Japan

2023 – up to day

Slovak Society for Biomedical Engineering and Medical Informatics, Slovak Medical Association, Slovakia

2019 – 2022

International IEEE society, EMB Chapter, Czechoslovakia section

Principal investigator projects

Project name	Funding agency
Safe intERsections of Cycling commUnications with overHead Electric Lines (SECUREL)	Slovak Research and Development Agency
Smart clothing for E-health applications	Slovak Research and Development Agency
Enhancing Research and innovAtion dimension of the University of Zilina	European Commission
in intelligent transport systems	
Smart textiles and clothing for mobile monitoring of human vital functions	Slovak Research and Development Agency
EnhancINg diagNosis of partially cONductiVe crAckS in eddy-current non-destructive evaluATIOn	Slovak Research and Development Agency
Towards electromagnetic induction based methods to meet their true potential in non-destructive monitoring of conductive structures	Slovak Research and Development Agency
Research on methods for enhancing the information rate of signals in quantitative non-destructive evaluation of conductive materials	Slovak Research and Development Agency

Scientific collaborations

1 – International Institute of Universality, Tokyo, Japan

Topic/Area: Electromagnetic non-destructive evaluation of materials

2 – National University of Science and Technology POLITEHNICA Bucharest, Romania

Topic/Area: Electromagnetic non-destructive evaluation of materials

3 – Colorado University, Boulders, USA

Topic/Area: Electromagnetic biocompatibility

4 – Silesian University of Technology, Gliwice, Poland

Topic/Area: Electromagnetic biocompatibility

5 – University of West Bohemia, Pilsen, Czech Republic

Topic/Area: Numerical modelling of electromagnetic fields

Publications

	No. journal publications				No. conference publications		
	Q1	Q2	Q3	Q4	No-Q	Invited/Keynote	Contributed
	5	13	25	9	22	1	156