



## Curriculum Vitae

### Personal information

**Name & Surname** Aleš JANOTA  
**Department:** Department of Control and Information Systems FEIT UNIZA  
**Research group:** Smart Transport & Advanced and Mobile Robotics  
**Research group web-page:** <https://kris.uniza.sk/#>  
**Research rank** R3/R4 – established/leading researcher  
**Scientific identifiers**  
**ORCID:** 0000-0003-2132-1295    **WoS ID:** B-4292-2014    **Scopus ID:** 56209184500

### Education

Jan/2010 Professor in Control Engineering, Faculty of Electrical Engineering, University of Žilina, Slovakia  
Dec/2003 Associate Professor in Information and Safety-related Systems, Faculty of Electrical Engineering, University of Žilina, Slovakia  
2001 Eurlng in Transportation and Communication, European Federation of National Engineering Associations (FEANI), Brussels, Belgium  
March/1998 PhD. in Telecommunications, Faculty of Electrical Engineering, Technical University of Transportation and Communications Žilina, Slovakia  
May/1986 MSc. in Interlocking, signalling and communications, Faculty of Mechanical and Electrical Engineering, Technical University of Transportation Žilina, Czechoslovakia  
May/1993 State language school Žilina, Slovakia - State exam in English  
June/1993 The British Council, Bratislava, Slovakia - First Certificate in English  
Feb/1990 Institute of Information and Forecast of the Ministry of Education, Youth and Sports, Bratislava, Slovakia - Fundamentals of university pedagogy

### Current position

Sept/2021 – Feb/2026 Head of Department of Control and Information Systems, Faculty of Electrical Engineering and Information Technology, University of Žilina, Slovakia  
Since May/2010 Professor at the Department of Control and Information Systems, Faculty of Electrical Engineering/Faculty of Electrical Engineering and Information Technology, University of Žilina, Slovakia

### Previous positions

2004 – 2010 Associate Professor, Faculty of Electrical Engineering, University of Žilina, Slovakia  
1987 – 2003 Senior Assistant, Faculty of Mechanical and Electrical Engineering, Technical University of Transport and Communications Žilina, Czechoslovakia/Slovakia  
July/1986 – 1987 Assistant, Faculty of Mechanical and Electrical Engineering, Technical University of Transport and Communications Žilina, Czechoslovakia

### Scholarships

May 10-13/2022 University of Transport and Humanities, Poland, Erasmus+  
April 10-12/2018 University of Transport and Humanities, Poland, Erasmus+

March 20-24/2017	University of Transport and Humanities, Poland, Erasmus+
April 8-12/2013	West Pomeranian University of Technology, Szczecin, Poland, Erasmus+
Nov 26-Dec 01/2006	Politechnika Radomska im. Kazimierza Pulaskiego, Poland, Erasmus
April 18-24/2004	Institut für Verkehrssicherheit und Automatisierungstechnik, Technical University Braunschweig, Germany, Erasmus

## Awards

May/2022	Commemorative medal for lifetime contribution in interlocking and signalling technology - an important part of the railway infrastructure, Ministry of Transport and Construction and Railways of the Slovak Republic, Slovakia
Nov/2011	Silver medal for long-term cooperation, awarded by the President of ELTODO Prague on the occasion of the 20th anniversary of the company, Czech Republic

## Students & post-docs supervisions

No. MSc. students	No. PhD. students	No. Post-docs
85	13	4

## Organization of scientific meetings & conferences (selected recent 10 years only)

2026, Jan 29-31	IEEE 24 <sup>th</sup> World Symposium on Applied Machine Intelligence and Informatics (SAMI 2026), Stará Lesná, Slovakia – <i>technical program committee</i>
2025, Oct 20-22	22 <sup>nd</sup> International Conference on Informatics in Control, Automation and Robotics (ICINCO 2025), Marbella, Spain – <i>program committee</i>
2025, May 19-21	26 <sup>th</sup> International Carpathian Control Conference ICC3'2025, Starý Smokovec, Slovakia – <i>technical program committee</i>
2025, June 11-13	16 <sup>th</sup> International Conference on Marine Navigation and Safety of Sea Transportation TransNav2025, Gdynia, Poland – <i>scientific program committee</i>
2025, May 21-23	16 <sup>th</sup> International scientific conference on Sustainable, Modern and Safe Transport (TRANSCOM 2025), Grand Hotel Bellevue, High Tatra Mountains, Slovakia – <i>scientific committee</i>
2025, Feb 02-05	International Conference Cybernetics & Informatics '25, Mikulov, Czechia – <i>technical program committee</i>
2025, Jan 23-25	IEEE 23 <sup>rd</sup> World Symposium on Applied Machine Intelligence and Informatics (SAMI 2025), Stará Lesná, Slovakia – <i>technical program committee</i>
2024, Nov 18-20	21 <sup>st</sup> International Conference on Informatics in Control, Automation and Robotics, Porto, Portugal – <i>program committee</i>
2024, May 20-22	15 <sup>th</sup> International Conference ELEKTRO 2024, Zakopané, Poland – <i>international scientific committee</i>
2024, Jan 25-27	IEEE 22 <sup>nd</sup> World Symposium on Applied Machine Intelligence and Informatics (SAMI 2024), Stará Lesná, Slovakia – <i>technical program committee</i>
2023, Dec 04-05	XXVI International Conference „Computer Systems Aided Science, Industry and Transport“ (TransComp), Zakopané, Poland – <i>scientific committee</i>
2023, June 27-28	International Workshop Artificial Intelligence & Virtual Reality (AI & VR), PAN-European University, Bratislava, Slovakia – <i>technical program committee</i>
2023, June 21-23	15 <sup>th</sup> International Conference on Marine Navigation and Safety of Sea Transportation (TransNav2023), Gdynia, Poland – <i>scientific program committee</i>
2023, Jan 19-21	IEEE 21 <sup>st</sup> World Symposium on Applied Machine Intelligence and Informatics (SAMI 2023), Herľany, Slovakia – <i>technical program committee</i>
2022, Dec 05-07	XXV. International conference Computer Systems Aided Science, Industry and Transport (TransComp 2022), Zakopane, Poland – <i>scientific committee</i>
2022, Sept 11-14	International Conference Cybernetics & Informatics 2022, Visegrád, Hungary – <i>technical program committee</i>
2022, May 23-26	14 <sup>th</sup> International Conference ELEKTRO 2022, Krakow, Poland – <i>international scientific committee</i>
2022, March 02-05	IEEE 20 <sup>th</sup> Jubilee World Symposium on Applied Machine Intelligence and Informatics (SAMI 2022), Poprad, Slovakia – <i>technical program committee</i>

2021, Dec 06-08	XXIV. International conference Computer Systems Aided Science, Industry and Transport (TransComp 2021), Zakopane, Poland – <i>scientific committee</i>
2021, June 22-24	International Conference on Information and Digital Technologies 2021 (IDT 2021), Žilina, Slovakia – <i>scientific program committee</i>
2021, June 16-18	14 <sup>th</sup> International Conference on Marine Navigation and Safety of Sea Transportation (TransNav 2021), Gdynia, Poland – <i>scientific program committee</i>
2021, Jan 21-23	IEEE 19 <sup>th</sup> World Symposium on Applied Machine Intelligence and Informatics (SAMI 2021), Herľany, Slovakia – <i>technical program committee</i>
2020, Oct 27-30	20 <sup>th</sup> Jubilee Conference Transport Systems Telematics (TST2020), Krakow, Poland – <i>scientific committee</i>
2020, May 25-28	13 <sup>th</sup> International Conference ELEKTRO 2020, Taormina, Italy – <i>international scientific committee</i>
2020, Jan 23-25	IEEE 18 <sup>th</sup> World Symposium on Applied Machine Intelligence and Informatics (SAMI 2020), Herľany, Slovakia – <i>technical program committee</i>
2019, Dec 02-05	XXIII. International conference Computer Systems Aided Science, Industry and Transport (TransComp 2019), Zakopane, Poland – <i>scientific committee</i>
2019, June 12-14	13 <sup>th</sup> International Conference on Marine Navigation and Safety of Sea Transportation (TransNav 2019), Gdynia, Poland – <i>scientific program committee</i>
2019, Jan 24-26	IEEE 17 <sup>th</sup> World Symposium on Applied Machine Intelligence and Informatics (SAMI2019), Herľany, Slovakia – <i>technical program committee</i>
2019, Feb 27- March 02	19 <sup>th</sup> International Conference on Transport System Telematics TST 2019, Krakow, Poland – <i>scientific committee</i>
2018, Dec 03-06	XXII. International conference Computer Systems Aided Science, Industry and Transport (TransComp 2018), Zakopane, Poland – <i>scientific committee</i>
2018, March 20-23	18 <sup>th</sup> International Conference on Transport System Telematics TST 2018, Krakow, Poland – <i>scientific committee</i>
2018, Feb 07-10	IEEE 16 <sup>th</sup> World Symposium on Applied Machine Intelligence and Informatics SAMI 2018, Herľany, Slovakia – <i>technical program committee</i>
2017, Dec 04-07	XXI. International conference Computer Aided Science, Industry and Transport (TRANSCOMP 2017), Zakopane, Poland – <i>scientific committee</i>
2017, Oct 25	Seminar „Update on education at technical universities“, Žilina, Society for the Application of Women in Science and Technology in Slovakia - <i>guarantor</i>
2017, June 21-23	12 <sup>th</sup> International Conference on Marine Navigation and Safety of Sea Transportation (TransNav 2017), Gdynia, Poland – <i>scientific program committee</i>
2017, Apr 05-08	17 <sup>th</sup> conference Transport Systems Telematics TST 2017, Katowice-Ustroń, Poland – <i>scientific program committee</i>
2017, Jan 26-28	IEEE 15 <sup>th</sup> International Symposium on Applied Machine Intelligence and Informatics (SAMI 2017), Herľany, Slovakia – <i>technical program committee</i>
2016, Dec 05-08	XX. International conference Computer Aided Science, Industry and Transport (TRANSCOMP 2016), Zakopane, Poland – <i>scientific committee</i>
2016, May 31-June 01	24 <sup>th</sup> International Symposium EURO-ŽEL 2016 „New challenges for European railways“, Žilina, Slovakia – <i>program committee</i>
2016, Sept 07-09	International Workshop on Intelligent Systems for Collaborative Robotics ISyCoR (associated with INCoS-2016: 8th International Conference on Intelligent Networking and Collaborative Systems), Ostrava, Czech Republic – <i>program committee</i>
2016, March 16-19	16 <sup>th</sup> International conference Transport Systems Telematics TST 2016, Ustroń, Poland – <i>program committee</i>
2016, Jan 21-23	IEEE 14 <sup>th</sup> International Symposium on Applied Machine Intelligence and Informatics (SAMI 2016), Herľany, Slovakia – <i>technical program committee</i>
2015, Nov 31-Dec 03	XIX. International conference Computer Aided Science, Industry and Transport (TRANSCOMP 2015), Zakopane, Poland – <i>scientific committee</i>
2015, Oct 16	Seminar “Smart Cities” within 21 <sup>st</sup> Int. Fair of Electrical Engineering, Power Engineering, Electronics, Automation, Lighting and Telecommunications ELOSYS 2015, Trenčín, Slovakia - <i>organisation committee chair</i>
2015, June 02-03	23 <sup>rd</sup> International Symposium EURO-ŽEL 2015 „New challenges for European railway“, Žilina, Slovakia – <i>program committee</i>

2015, April 15-17	15 <sup>th</sup> International conference on Transport System Telematics (TST 2015), Wroclaw, Poland – <i>program committee</i>
2015, June 17-19	11 <sup>th</sup> International Conference on Marine Navigation and Safety of Sea Transportation (TransNav 2015), Gdynia, Poland – <i>scientific committee</i>

### Institutional responsibilities

June/2023 – May/2027	A chair of the Legislation Committee, Academic Senate of the Faculty of Electrical Engineering and Information technology, University of Žilina, Slovakia
Since Sept/2022	A chair of three Study Programme Boards (Bc. Degree/Automation, MSc./Process Control, PhD. Degree/Process Control) in Cybernetics, Faculty of Electrical Engineering and Information Technology, University of Žilina, Slovakia
Sept/2004 – Aug/2021	Vice-head of department, Faculty of Electrical Engineering, University of Žilina, Slovakia
Sept/2004 – Aug/2012	Vice-dean for development and international relations, Faculty of Electrical Engineering, Technical University of Transport and Communication Žilina, Slovakia

### Editorial and reviewing activities

<b>Lead journal editor</b>	<b>Member of editorial board of journal</b>	<b>No. journal reviews</b>
1	3	cca 10/year

### Membership in scientific societies

2024 - 2028	A member, Scientific Board of the Faculty of Electrical Engineering and Information Technology, University of Žilina, Slovakia
2022 - 2026	A member, Scientific Board of the University of Žilina, Slovakia
2021 - 2025	A member, Scientific Board of the Faculty of Transportation Sciences, Czech Technical University, Prague, Czech Republic
Since 2022	A member, Doctoral Programme Board of Cybernetics, Slovak University of Technology, Bratislava, Slovakia
Since Aug/2020	A member, Doctoral Programme Board of Smart Cities, Faculty of Transportation Sciences, Czech Technical University, Prague, Czech Republic
Since Feb/2019	A member, Doctoral Programme Board of Cybernetics, Faculty of Electrical Engineering and Informatics, Technical University of Ostrava, Ostrava, Czech Republic
Since Apr/2013	A member, Doctoral Programme Board of Applied Informatics, Faculty of Management Science and Informatics, University of Žilina, Žilina, Slovakia
Since Feb/2009	A member, Association for Computing Machinery (ACM), USA
Since April/2006	A member, Institute of Informatics and Systemics, USA
Since Sept/2005	A member-collaborator, Polish Academy of Sciences, Transportation Committee, Katowice, Poland
June/2021 - Aug/2021	A chair of the WG 2021_88, Slovak Accreditation Agency for Higher Education, Bratislava
Feb/2007 – June/2013	A member, Scientific Board of the Faculty of Transportation, Politechnika Radomska im. Kazimierza Pulaskiego, Radom, Poland
Oct/2004 – Aug/2016	A member, Scientific Board of the Faculty of Electrical Engineering, University of Žilina, Slovakia
Oct/2004- - Dec/2015	A member, Technical Committee TK104 Industrial Process Control, Slovak Institute of Technical Standardization, Bratislava, Slovakia
2010 – 2014	Domain Committee for Transport and Urban Development COST, Brussels, Belgium

### Principal investigator projects

<b>Project name</b>	<b>Funding agency</b>
---------------------	-----------------------

014ŽU-4/2018	Extension of the content of the field of study to the current requirements of practice in the field of artificial intelligence methods and IT	KEGA
010ŽU-4/2018	Modernization of didactic equipment and educational methods with a focus on robotics	KEGA
1/0453/12	Study of motor vehicle, traffic flow and roadway interactions	VEGA
ITMS 26220220089	New methods of measurement of physical dynamic parameters of vehicle, traffic flow and roadway interactions.	ERDF
343/100/2013	Research on the use of toll system data	VÚD Žilina
P-103-0006/07 TP02	Means of communication and power supply on roads	NDS, a.s.
P-103-0007/07 TP03	Automatic traffic counters on the roads	NDS, a.s.
P-103-0008/07 TP05	Television surveillance and emergency management using video technology on roads	NDS, a.s.
P-103-0009/07 TP07	Principles of building technological nodes (concentrators - controllers) on roads	NDS, a.s.
07/604/2005 and 46/604/2004	Transport telematics and tools for improving its quality	FEE UNIZA
TCA5-CT-2006-031487	Safer European Level Crossing Appraisal and Technology - SELCAT	6FP CA
6RP/SELCAT	Safer European Level Crossing Appraisal and Technology - SELCAT	MVTS

\* - other project you were involved are excluded

### Scientific collaborations

- 1 – National Robotic Centre in cooperation with the Faculty of Electrical Engineering and Informatics, Slovak University of Technology, Bratislava, and Technical University of Košice, Slovakia  
*Topic/Area: Mobile and advances robotics – vocational training activities for SMEs in the framework of the European digital innovation hub EXPANDI 4.0, known as the programme Ing. 4.0.*
- 2 – Czech Technical University, Faculty of Transport Sciences, Prague, Czech Republic  
*Topic/Area: Smart cities and intelligent transportation systems*

### Publications

No. journal publications					No. conference publications	
Q1	Q2	Q3	Q4	No-Q	Invited/Keynote	Contributed
3	6	4	5	87	0	136