



Curriculum Vitae

Personal information

Name & Surname Dušan Koniar
Department: Department of Mechatronics and Electronics
Research group: Image processing
Research group web-page: <https://kme.uniza.sk/>
Research rank R3 – established researcher
Scientific identifiers
ORCID: 0000-0003-3029-3193 WoS ID: GCZ-0809-2022 Scopus ID: 35242680300

Education

12/2013 Associate Professor, Faculty of Mechanical Engineering, Technical University of Košice, Slovakia
10/2009 PhD., Faculty of Electrical Engineering and Information Technology, University of Žilina, Slovakia
06/2006 Faculty of Electrical Engineering and Information Technology, University of Žilina, Slovakia

Current position

11/2009 – present Researcher/Teacher (Associate Professor), Faculty of Electrical Engineering and Information Technology, University of Žilina, Slovakia

Previous positions

04/2013 – 04/2014 Researcher, Jessenius Faculty of Medicine in Martin, Comenius University in Bratislava, Slovakia

Awards

07/2017 National Instruments' Certified LabVIEW Associate Developer (CLAD), USA
06/2018 Winner of "TOP inovácie v zdravotníctve" (TOP innovations in healthcare), Slovakia
11/2016 Winner of "NI Days Eastern Europe", National Instruments, USA/Czech Republic/Slovakia

Students & post-docs supervisions

No. MSc. students
21

No. PhD. students
3

No. Post-docs
0

Organization of scientific meetings & conferences

2011 Transcom 2011 International Conference, Slovakia

Institutional responsibilities

2016 – present Supervisor of LabVIEW Academy, Faculty of Electrical Engineering and Information Technology, University of Žilina, Slovakia

Editorial and reviewing activities

Lead journal editor

0

Member of editorial board of journal

0

No. journal reviews

15

Membership in scientific societies

2015 – present

Národné centrum robotiky (National Centre of Robotics), Slovakia

Principal investigator projects

Project name	Funding agency
VEGA 1/0563/23: Research and development of visual inspection algorithms for manufacturing process quality increasing of power semiconductor modules	VEGA (Slovakia)
APVV-17-0218: Investigation of biological tissues with electromagnetic field interaction and its application in the development of new procedures in the design of electrosurgical instruments	APVV (Slovakia)

Scientific collaborations

1 – National Instruments, USA

Topic/Area: academic partner, virtual instrumentation development, machine vision, signal acquisition

2 – Semikron Danfoss, s.r.o., Vrbové, Slovakia

Topic/Area: academic/project partner, automated measurement, machine vision, quality inspection

3 – Jessenius Faculty of Medicine in Martin, Comenius University in Bratislava, Slovakia

Topic/Area: academic partner, development of specified diagnostic methods, medical imaging

Publications

No. journal publications

<i>Q1</i>	<i>Q2</i>	<i>Q3</i>	<i>Q4</i>	<i>No-Q</i>
2	5	2	9	2

No. conference publications

<i>Invited/Keynote</i>	<i>Contributed</i>
1	50+