

O Z N A M

Vo výberovom konaní vyhlásenom dekanom Fakulty elektrotechniky a informatiky STU v Bratislave, ktoré sa konalo dňa 22.04.2025 na obsadenie :

➤ miesta *riaditeľa/riaditeľky Ústavu elektrotechniky FEI STU* uspel:

Ing. Ján Halgoš, PhD.

Zoznam členov výberovej komisie v rozsahu meno a priezvisko:

Martin Weis

Miroslava Ostrihoňová

Maximilián Strémy

Alena Kozáková

Milan Ľapajna

Údaje vybraného uchádzača:

údaje uchádzača v rozsahu § 76 ods. 10 písm. a.) zákona o vysokých školách

Meno, priezvisko, rodné priezvisko	Ján HALGOŠ, HALGOŠ
akademické tituly, vedecko-pedagogické tituly, umelecko-pedagogické tituly, vedecké hodnosti	Ing., PhD.
Rok narodenia	1981
Údaje o vysokoškolskom vzdelaní, ďalšom akademickom raste a absolvovanom ďalšom vzdelávaní	01.09.2006 – 01.07.2009 Vysokoškolské vzdelanie III. stupňa v študijnom odbore – Mechatronika Fakulta mechatroniky, Trenčianska univerzita Alexandra Dubčeka v Trenčíne Študentská 1, 91150 Trenčín (Slovensko) 01.09.1999 – 03.06.2004 Vysokoškolské vzdelanie II. stupňa v študijnom odbore - Mechatronika Fakulta mechatroniky, Trenčianska univerzita Alexandra Dubčeka v Trenčíne Študentská 1, 91150 Trenčín (Slovensko)

Údaje o priebehu zamestnaní a priebehu pedagogickej činnosti	<u>PRIEBEH ZAMESTNANÍ:</u> 01.01.2017 – Súčasnosť na funkčnom mieste docenta od 01.03.2025 (predtým výskumný pracovník) Fakulta elektrotechniky a informatiky, Slovenská technická univerzita v Bratislave Ilkovičova 3, 841 04 Bratislava (Slovensko) 15.03.2011 – 31.12.2016 Výskumný pracovník GA Drilling a.s. Piešťanská 3, 917 01 Trnava (Slovensko) Poznámka: Spoločnosť Geothermal Anywhere a.s. sa dňa 17.8.2013 premenovala na GA Drilling, a.s. 01.02.2006 – 31.12.2010 Odborný asistent Fakulta mechatroniky, Trenčianska univerzita Alexandra Dubčeka v Trenčíne Študentská 1, 91150 Trenčín (Slovensko) 01.01.2005 – 31.01.2006 Laboratórny technik Fakulta mechatroniky, Trenčianska univerzita Alexandra Dubčeka v Trenčíne Študentská 1, 91150 Trenčín (Slovensko) <u>PEDAGOGICKÁ ČINNOSŤ</u> 01.01.2017 – Súčasnosť - Ústav elektrotechniky, FEI, STU v Bratislave Vedené prednášky z predmetov: Výkonová elektronika, Meniče elektrickej energie a napájacie zdroje. Vedené cvičenia z predmetov: Výkonová elektronika, Meniče elektrickej energie a napájacie zdroje, Meracia technika 1, Elektrotechnika, Elektrotechnika 1, Elektrické obvody. 01.02.2006 – 31.12.2010 - Katedra mechatronických systémov, FM, TnUAD v Trenčíne Vedené cvičenia z predmetov: Elektromechanika I a II., Elektromechanické snímače a prevodníky, Výkonová elektronika, Automatizované pohony, Servomechanizmy.
Údaje o odbornom alebo o umeleckom zameraní	Elektrotechnika, elektronika, výkonová elektronika, mechatronika
Údaje publikačnej činnosti	V1 Vedecký výstup publikačnej činnosti ako celok V1_01 HALGOŠ, Ján (ed.). <i>Electro-mechanical systems application in industry 2017 : Zliechov, Slovakia. August 30-September 1, 2017</i>. 1.vyd. Bratislava : Vydavateľstvo Spektrum STU, 2017. 68 s. ISBN 978-80-227-4753-0. V1_02 HALGOŠ, Ján (ed.). <i>Electro-mechanical systems application in industry 2018 : Zliechov, Slovakia. August 28-31, 2018</i>. 1.vyd. Bratislava : Vydavateľstvo Spektrum STU, 2018. 62 s. ISBN 978-80-227-4870-4. V1_03 HALGOŠ, Ján (zost.). <i>Electro-mechanical systems application in industry 2022 : Zliechov, Slovakia. August 23-26, 2022</i>. 1.vyd. Bratislava : Vydavateľstvo Spektrum STU, 2022. 54 s. ISBN 978-80-227-5280-0. V1_04 HALGOŠ, Ján (zost.). <i>Electro-mechanical systems application in industry 2023 : Zliechov, Slovakia. August 22-25, 2023</i>. 1.vyd.

	Bratislava : Vydavateľstvo Spektrum STU, 2023. 60 s. ISBN 978-80-227-5400-2. V2 Vedecký výstup publikačnej činnosti ako časť editovanej knihy alebo zborníka V2_01 ABRAMOV, Ivan V. - TURYGIN, Yuri - SHCHENYATSKY, Aleksej Valerevitch - NIKITIN, Yury R. - BOŽEK, Pavol - HALGOŠ, Ján. Offline Programming of robot model with virtual environment support. In <i>Elektro 2018 [elektronický zdroj] : 12th International Conference, Mikulov, Czech Republic, May 21st - 23rd, 2018</i>. Piscataway : IEEE, 2018, USB, [6] s. ISBN 978-1-5386-4760-8. V databáze: IEEE: 8398315 ; SCOPUS: 2-s2.0-85050114252 ; DOI: 10.1109/ELEKTRO.2018.8398315; WOS: 000468327400076. V2_02 ANDOK, Robert - HARTÁNSKÝ, René - HRICKO, Jaroslav - HALGOŠ, Ján. Concept of a MEMS load cell sensor of mechanical quantities based on the EM field principle. In <i>APCOM 2018 : 24th International conference on applied physics of condensed matter. Štrbské Pleso, Slovak Republic. June 20-22, 2018</i>. 1. ed. St. Louis : AIP Publishing, 2018, Art. no. 020002 [5] s. ISSN 0094-243X. ISBN 978-0-7354-1712-0. V databáze: WOS: 000443464900002 ; SCOPUS: 2-s2.0-85051863031. V2_03 DRAK, Tomáš - HALGOŠ, Ján - HALLON, Jozef. Support for assessing IoT devices in terms of electromagnetic emissions. In <i>Electro-mechanical systems application in industry 2022 : Zliechov, Slovakia. August 23-26, 2022</i>. 1.vyd. Bratislava : Vydavateľstvo Spektrum STU, 2022, S. 1-8. ISBN 978-80-227-5280-0. V2_04 FUJDIÁK, Radek - SLÁČIK, Jan - ORGOŇ, Miloš - MLÝNEK, Petr - MIŠUREC, Jiří - HALLON, Jozef - HALGOŠ, Ján. Investigation of power line communication and Wi-Fi co-existence in smart home. In <i>ICUMT 2018 : 10th International congress on ultra modern telecommunications and control systems and workshops. Moscow, Russia. November 5-9, 2018</i>. Piscataway : IEEE, 2018, [4] s. ISBN 978-1-5386-9361-2. V databáze: WOS: 000459238500001. V2_05 HALGOŠ, Ján. Electromechanical system in HPHT environment. In <i>Electro-mechanical systems application in industry 2017 : Zliechov, Slovakia. August 30-September 1, 2017</i>. 1.vyd. Bratislava : Vydavateľstvo Spektrum STU, 2017, S. 15-22. ISBN 978-80-227-4753-0. V2_06 HALGOŠ, Ján. Motion mechatronic system for drilling tools. In <i>Electro-mechanical systems application in industry 2018 : Zliechov, Slovakia. August 28-31, 2018</i>. 1.vyd. Bratislava : Vydavateľstvo Spektrum STU, 2018, S. 11-18. ISBN 978-80-227-4870-4.
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V2_07	HARŤANSKÝ, René - HALGOŠ, Ján. The problem of RF radiator with force detector. In <i>Measurement 2017 : 11th International conference on measurement. Smolenice, Slovakia, May 29-31, 2017</i> . Bratislava : Slovak academy of sciences, 2017, S. 139-142. ISBN 978-80-972629-0-7. V databáze: IEEE ; WOS: 000428658900032.
V2_08	HARŤANSKÝ, René - HALGOŠ, Ján - MIERKA, Martin. TEM cell design. In <i>EMD 2017 : 24th International conference on electromagnetic disturbances. Białystok, Poland. September 20-22, 2017</i> . Białystok : University of Technology, 2017, S. 41-42. ISBN 978-83-65596-28-4.
V2_09	HARŤANSKÝ, René - HALGOŠ, Ján - MIERKA, Martin. Developed of TEM cell design. In <i>Electro-mechanical systems application in industry 2017 : Zliechov, Slovakia. August 30-September 1, 2017</i> . 1.vyd. Bratislava : Vydavateľstvo Spektrum STU, 2017, S. 29-34. ISBN 978-80-227-4753-0.
V2_10	HRICKO, Jaroslav - HARŤANSKÝ, René - ANDOK, Robert - HALGOŠ, Ján. Additive manufacturing of a force/displacement sensor based on electromagnetic field principle. In <i>APCOM 2019 : 25th International conference on applied physics of condensed matter. Štrbské Pleso, Slovak Republic. June 19-21, 2019</i> . 1. ed. Melville : AIP Publishing, 2019, Art. no. 020017 [5] s. ISBN 978-0-7354-1873-8. V databáze: WOS: 000535987500017.
V2_11	JÁNOŠÍK, Peter - HALGOŠ, Ján. RGB color of visible spectra wavelengths. In <i>Electro-mechanical systems application in industry 2018 : Zliechov, Slovakia. August 28-31, 2018</i> . 1.vyd. Bratislava : Vydavateľstvo Spektrum STU, 2018, S. 35-38. ISBN 978-80-227-4870-4.
V2_12	JÁNOŠÍK, Peter - HALGOŠ, Ján. BV index and black body color to RGB color conversion. In <i>Electro-mechanical systems application in industry 2023 : Zliechov, Slovakia. August 22-25, 2023</i> . 1.vyd. Bratislava : Vydavateľstvo Spektrum STU, 2023, S. 31-34. ISBN 978-80-227-5400-2.
V2_13	KAMENSKÝ, Miroslav - KOVÁČ, Karol - HALGOŠ, Ján. Evaluation of ADC error corrected by additive iterative method over RMSE. In <i>Electro-mechanical systems application in industry 2018 : Zliechov, Slovakia. August 28-31, 2018</i> . 1.vyd. Bratislava : Vydavateľstvo Spektrum STU, 2018, S. 45-52. ISBN 978-80-227-4870-4.
V2_14	MAGA, Dušan - HARŤANSKÝ, René - HALGOŠ, Ján - STRAKA, Miroslav - SETNIČKA, Vít. Non-Linear VS Linear Media in Rotational Electrical Machinery FEM Analysis. In <i>Joint congress 16th electromagnetic fields and materials and magnetic measurements 02 :</i>

	<i>EMFM, MM 02. Bratislava, Slovakia 11.- 13. Sept. 2002. The book of abstracts. Bratislava : STU v Bratislave FEI, 2002, s.34.</i>
V2_15	MAGA, Dušan - SITÁR, Ján - ĎUĐÁK, Juraj - HARŤANSKÝ, René - ŠIROKÝ, Peter - HALGOŠ, Ján - BAUER, Pavol. Electromechanical Actuators WEB-lab. In <i>13th International Power Electronics and Motion Control Conference, EPE-PEMC 2008, Vol. 1-5 : 2008 13th International Power Electronics and Motion Control Conference, EPE-PEMC 2008, 01-03 september 2008, Poznaň, Poland</i>. New York, USA : IEEE, 2008, S. 1-3. ISBN 978-1-4244-1742-1. V databáze: DOI: 10.1109/EPEPEMC.2008.4635617; SCOPUS: 2-s2.0-56449129207; WOS: 000262093801130; IEEE.
	V3 Vedecký výstup publikačnej činnosti z časopisu
V3_01	HARŤANSKÝ, René - HRICKO, Jaroslav - MIERKA, Martin - HALGOŠ, Ján - DZURIŠ, Michal. MEMS sensor of force. In <i>Russian Journal of Nonlinear Dynamics</i>. Vol. 16, No. 1 (2020), s. 85-92. ISSN 2658-5324 (2020: 0.323 - SJR, Q3 - SJR Best Q). V databáze: DOI: 10.20537/nd200107 ; SCOPUS: 2-s2.0-85084461337.
V3_02	HARŤANSKÝ, René - MIERKA, Martin - BITTERA, Mikuláš - HALLON, Jozef - HALGOŠ, Ján - HRICKO, Jaroslav - ANDOK, Robert - RAFAJ, Michal. Novel method of contactless sensing of mechanical quantities. In <i>Measurement Science Review [elektronický zdroj]</i>. Vol. 20, no. 3 (2020), s. 150-156. ISSN 1335-8871 (2020: 1.319 - IF, Q4 - JCR Best Q, 0.301 - SJR, Q3 - SJR Best Q). V databáze: CC: 000555887000006 ; SCOPUS: 2-s2.0-85091461532.
V3_03	HARŤANSKÝ, René - MIERKA, Martin - JANČÁRIK, Vladimír - BITTERA, Mikuláš - HALGOŠ, Ján - DZURIŠ, Michal - KRCHNÁK, Jakub - HRICKO, Jaroslav - ANDOK, Robert. Towards a MEMS force sensor via the electromagnetic principle. In <i>Sensors</i>. Vol. 23, iss. 3 (2023), Art. no. 1241 [16] s. ISSN 1424-3210 (2021: 3.847 - IF, Q2 - JCR Best Q, 0.803 - SJR, Q1 - SJR Best Q). V databáze: DOI: 10.3390/s23031241; WOS: 000932946300001; CC: 000932946300001; SCOPUS: 2-s2.0-85147998215.
V3_04	JANČÁRIK, Vladimír - HARŤANSKÝ, René - SLÍŽIK, Jozef - MIERKA, Martin - HALGOŠ, Ján - HALLON, Jozef - HRICKO, Jaroslav. Autonomous sensor of electromagnetic field. In <i>Review of Scientific Instruments</i>. Vol. 90, Iss. 6 (2019), Art.No. 64705. ISSN 0034-6748 (2019: 1.480 - IF, Q3 - JCR Best Q, 0.625 - SJR, Q2 - SJR Best Q). V databáze: CC: 000474601100031 ; SCOPUS: 2-s2.0-85068196237.
V3_05	KLIUCHKA, Anatolii - HARŤANSKÝ, René - HALGOŠ, Ján. Methods of computer modeling of electromagnetic field propagation in urban scenarios for Internet of Things. In <i>Journal of Electrical Engineering</i>. Vol. 74, No. 5 (2023), s. 422-433. ISSN 1335-3632 (2023: 1.0 - IF, Q4 - JCR Best Q, 0.221 - SJR, Q3 - SJR Best Q). V databáze: DOI:

	10.2478/jee-2023-0050 ; WOS: 001098881700009 ; SCOPUS: 2-s2.0-85176236270.
V3_06	KRCHNÁK, Jakub - HARTÁNSKÝ, René - DZURIŠ, Michal - HALGOŠ, Ján - GRILLI, Norbert - ŠTIBRANÝ, Michal. Identification of Faulty Antenna in Large FM Antenna System Using Quadcopter Measurements. In <i>International Journal on Communications Antenna and Propagation</i> . Vol. 13, iss. 5 (2023), s. 238-248. ISSN 2039-5086 (2023: 0.241 - SJR, Q4 - SJR Best Q). V databáze: DOI: 10.15866/irecap.v13i5.24214 ; SCOPUS: 2-s2.0-85185656971.
V3_07	MAGA, Dušan - HARTÁNSKÝ, René - HALGOŠ, Ján - STRAKA, Miroslav - SETNIČKA, Vít. Non-Linear VS Linear Media in Rotational Electrical Machinery FEM Analysis. In <i>Journal of Electrical Engineering</i> . Vol. 53, No. 9/S (2002), s.81-83. ISSN 1335-3632 (2002).
P1 Pedagogický výstup publikačnej činnosti ako celok	
P1_01	HALGOŠ, Ján - HALLON, Jozef - BITTERA, Mikuláš - HARTÁNSKÝ, René. <i>Elektromagnetická kompatibilita. Návod na cvičenia</i> . 1. vyd. Bratislava : Vydavateľstvo Spektrum STU, 2024. 125 s. ISBN 978-80-227-5456-9. V databáze: DOI: 10.61544/QNEC4645.
D1 Dokument práv duševného vlastníctva	
D1_01	HARTÁNSKÝ, René - HALGOŠ, Ján - HRICKO, Jaroslav - RAFAJ, Michal. <i>Spôsob a zariadenie na bezkontaktné snímanie mechanických veličín : Úžitkový vzor č. 8653, Dátum o zápise ÚV : 7.1.2020 , Vestník ÚPV SR č. 1/2020</i> . Banská Bystrica : Úrad priemyselného vlastníctva SR, 2020. 5 s. Dostupné na internete: < https://wbr.indprop.gov.sk/WebRegistre/UzitkovyVzor/Detail/185-2018 >.
D1_02	HARTÁNSKÝ, René - HALGOŠ, Ján - HRICKO, Jaroslav - RAFAJ, Michal. <i>Spôsob a zariadenie na bezkontaktné snímanie mechanických veličín : Patent č. 289073, Dátum oznámenia o sprístupnení dokumentu : 17.5.2023, Vestník ÚPV SR č. 9/2023</i> . Banská Bystrica : Úrad priemyselného vlastníctva SR, 2023. 5 s. Dostupné na internete: < https://wbr.indprop.gov.sk/WebRegistre/Patent/Detail/121-2018?csrt=12794905195404392121 >.
D1_03	HARTÁNSKÝ, René - HALGOŠ, Ján - HALLON, Jozef - KLARÁK, Jaromír - ANDOK, Robert - HRICKO, Jaroslav. <i>Spôsob bezvodičového snímania mechanických veličín a bezvodičový snímač : Úžitkový vzor č. 9895, prihláška č. 172-2022, Dátum zápisu: 02.11.2023, Dátum oznámenia o sprístupnení dokumentu: 22.11.2023, Vestník ÚPV SR č.: 22/2023</i> . Banská Bystrica : Úrad priemyselného vlastníctva SR, 2023. 6 s. Dostupné na internete: < https://wbr.indprop.gov.sk/WebRegistre/UzitkovyVzor/Detail/172-2022?csrt=14021907361161069790 >.

	D1_04 SITAR, Ján - HALGOŠ, Ján. <i>Hybridné prenosové vedenie pre plazmové zariadenie : Úžitkový vzor č. 8671, Dátum o zápise ÚV : 4.2.2020, Vestník ÚPV SR č. 2/2020</i>. Banská Bystrica : Úrad priemyselného vlastníctva SR, 2020. 24 s. Dostupné na internete: <https://wbr.indprop.gov.sk/WebRegistre/UzitikovyVzor/Detail/50128-2018>.
Ohlasy na vedeckú alebo umeleckú prácu	ABRAMOV, Ivan V. - TURYGIN, Yuri - SHCHENYATSKY, Aleksej Valerevitch - NIKITIN, Yury R. - BOŽEK, Pavol - HALGOŠ, Ján. Offline Programming of robot model with virtual environment support. In <i>Elektro 2018 [elektronický zdroj] : 12th International Conference, Mikulov, Czech Republic, May 21st - 23rd, 2018</i>. Piscataway : IEEE, 2018, USB, [6] s. ISBN 978-1-5386-4760-8. V databáze: IEEE: 8398315 ; SCOPUS: 2-s2.0-85050114252 ; DOI: 10.1109/ELEKTRO.2018.8398315; WOS: 000468327400076. Ohlasy: [1] LEKOMTSEV, P. V. Discrete model of hybrid stepper motor by optimal state space control. In IOP Conference Series: Materials Science and Engineering, 2020, 971, 5, pp. ISSN 17578981., Registrované v: SCOPUS, WOS - DOLMATOV, Alexey V. Mechatronic control system for high-temperature synthesis of materials based on intelligent measuring modules. Yurga State University Bulletin [online]. 2022, 18(2), 11-21 [cit. 2022-10-31]. ISSN 2078-9114. Dostupné z: doi:10.18822/byusu20220211-21 ANDOK, Robert - HARTÁNSKÝ, René - HRICKO, Jaroslav - HALGOŠ, Ján. Concept of a MEMS load cell sensor of mechanical quantities based on the EM field principle. In <i>APCOM 2018 : 24th International conference on applied physics of condensed matter. Štrbské Pleso, Slovak Republic. June 20-22, 2018</i>. 1. ed. St. Louis : AIP Publishing, 2018, Art. no. 020002 [5] s. ISSN 0094-243X. ISBN 978-0-7354-1712-0. V databáze: WOS: 000443464900002 ; SCOPUS: 2-s2.0-85051863031. Ohlasy: - MIERKA, Martin. Realization of a TEM Cell. In: 2019 12th International Conference on Measurement [online]. IEEE, 2019, 2019, s. 162-166 [cit. 2022-10-31]. ISBN 978-80-972629-3-8. Dostupné z: doi:10.23919/MEASUREMENT47340.2019.8779907 FUJDIÁK, Radek - SLÁČIK, Jan - ORGOŇ, Miloš - MLÝNEK, Petr - MIŠUREC, Jiří - HALLON, Jozef - HALGOŠ, Ján. Investigation of power line communication and Wi-Fi co-existence in smart home. In <i>ICUMT 2018 : 10th International congress on ultra modern telecommunications and control systems and workshops. Moscow, Russia. November 5-9, 2018</i>. Piscataway : IEEE, 2018, [4] s. ISBN 978-1-5386-9361-2. V databáze: WOS: 000459238500001. Ohlasy: [1] HEO, Kuk Ho - JEONG, Seol Young - KANG, Soon Ju. Real-Time User Identification and Behavior Prediction Based on Foot-Pad Recognition. In: SENSORS, 2019, vol. 19, no. 13, art. no. 2899. ISSN 1424-8220., Registrované v: WOS, SCOPUS

	2. [1] KUMAR, Kishan - SARASWAT, Shulin - JINDAL, Sumit Kumar - KUMAR, Ajay - RAGHUWANSHI, Sanjeev Kumar. Experimental Validation of an IoT Based Device Selective Power Cut mechanism Using Power Line Carrier Communication for Smart Management of Electricity. In: JOURNAL OF ELECTRICAL ENGINEERING & TECHNOLOGY, 2021, vol. 16, no. 1, pp. 67-77. ISSN 1975-0102., Registrované v: WOS, SCOPUS, CC 3. [1] MAHÚT, Michal - MUSIL, Petr. Impact of devices connected to powerline on selected BPL topologies. In: Proceedings II of the Conference Student EEICT, 2022, pp. 307-310. ISBN 978-802146029-4., Registrované v: SCOPUS 4. [1] AGARWAL, Priyanka - SHUKLA, Manoj K. Performance analysis of mita interleaver on hybrid systems using diversity. In: International Journal of Computer Networks and Communications, 2022, vol. 14, no. 2, pp. 41-59. ISSN 0975-2293., Registrované v: SCOPUS 5. [1] RIBEIRO, Moises V. - FILOMENO, Mateus de L. - CAMPONOGARA, Andrei - OLIVEIRA, Thiago Rodrigues - MOREIRA, Tulio F. - GALLI, Stefano - POOR, H. Vincent. Seamless Connectivity: The Power of Integrating Power Line and Wireless Communications. In: IEEE COMMUNICATIONS SURVEYS AND TUTORIALS, 2024, vol. 26, no. 1, pp. 1-40. ISSN 1553-877X., Registrované v: WOS, CC, SCOPUS HARŤANSKÝ, René - HALGOŠ, Ján. The problem of RF radiator with force detector. In <i>Measurement 2017 : 11th International conference on measurement. Smolenice, Slovakia, May 29-31, 2017</i>. Bratislava : Slovak academy of sciences, 2017, S. 139-142. ISBN 978-80-972629-0-7. V databáze: IEEE ; WOS: 000428658900032. Ohlasy: 1. HRICKO, Jaroslav a Štefan HAVLÍK. Compliant Mechanisms for Motion/Force Amplifiers for Robotics. In: BERNIS, Karsten a Daniel GÖRGES, ed. <i>Advances in Service and Industrial Robotics</i> [online]. Cham: Springer International Publishing, 2020, 2020-05-08, s. 26-33 [cit. 2022-10-31]. <i>Advances in Intelligent Systems and Computing</i>. ISBN 978-3-030-19647-9. Dostupné z: doi:10.1007/978-3-030-19648-6_4 2. HRICKO, Jaroslav a Štefan HAVLÍK. Vision-Way Testing in Design of Small Compliant Mechanisms. In: ZEGHLOUL, Saïd, Med Amine LARIBI a Juan Sebastian SANDOVAL AREVALO, ed. <i>Advances in Service and Industrial Robotics</i> [online]. Cham: Springer International Publishing, 2020, 2020-06-19, s. 588-595 [cit. 2022-10-31]. <i>Mechanisms and Machine Science</i>. ISBN 978-3-030-48988-5. Dostupné z: doi:10.1007/978-3-030-48989-2_62 3. DZURIS, Michal, Norbert GRILLI, Imrich SZOLIK a Jozef HALLON. Radiation Pattern Antenna System Measurement. In: 2021 13th International Conference on Measurement [online]. IEEE, 2021, 2021-5-17, s. 48-51 [cit. 2022-10-31]. ISBN 978-80-972629-5-2. Dostupné z: doi:10.23919/Measurement52780.2021.9446795 MAGA, Dušan - SITÁR, Ján - ĎUĐÁK, Juraj - HARŤANSKÝ, René - ŠIROKÝ, Peter - HALGOŠ, Ján - BAUER, Pavol. Electromechanical Actuators WEB-lab. In <i>13th International Power Electronics and Motion Control Conference, EPE-PEMC</i>
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	2008, Vol. 1-5 : 2008 13th International Power Electronics and Motion Control Conference, EPE-PEMC 2008, 01-03 september 2008, Poznań, Poland. New York, USA : IEEE, 2008, S. 1-3. ISBN 978-1-4244-1742-1. V databáze: DOI: 10.1109/EPEPEMC.2008.4635617 ; SCOPUS: 2-s2.0-56449129207; WOS: 000262093801130 ; IEEE. Ohlasy: [1] KAMENSKY, Miroslav - KRÁLIKOVÁ, Eva - CERVENOVÁ, Jozefa - MIERKA, Martin. Modular Education System of Remote Access Applications Employed for Filter Response Measurement. In 2019 PROCEEDINGS OF THE 12TH INTERNATIONAL CONFERENCE ON MEASUREMENT (MEASUREMENT 2019), 2019, vol., no., pp. 258-261., Registrované v: WOS, SCOPUS [1] MIERKA, Martin. Realization of a TEM Cell. In 2019 PROCEEDINGS OF THE 12TH INTERNATIONAL CONFERENCE ON MEASUREMENT (MEASUREMENT 2019), 2019, vol., no., pp. 162-166., Registrované v: WOS, SCOPUS [1] BREZINA, Tomas - HADAS, Zdenek - VETISKA, Jan. Using of co-simulation ADAMS-SIMULINK for development of mechatronic systems. In Proceedings of 14th International Conference on Mechatronics, MECHATRONIKA 2011, 2011, pp. 59-64., Registrované v: SCOPUS [1] BREZINA, Tomas - KOVAR, Jiri - HEJC, Tomas. Modeling and control of system with pump and pipeline by pole placement method. In Proceedings of 14th International Conference on Mechatronics, MECHATRONIKA 2011, 2011, pp. 6-9., Registrované v: SCOPUS [1] ROJKO, Andreja - HERCOG, Darko - JEZERNIK, Karel. Power engineering and motion control web laboratory: Design, implementation, and evaluation of mechatronics course. In IEEE Transactions on Industrial Electronics, 2010, 57, 10, pp. 3343-3354. ISSN 02780046., Registrované v: SCOPUS, WOS, CC HARTÁNSKÝ, René - MIERKA, Martin - BITTERA, Mikuláš - HALLON, Jozef - HALGOŠ, Ján - HRICKO, Jaroslav - ANDOK, Robert - RAFAJ, Michal. Novel method of contactless sensing of mechanical quantities. In <i>Measurement Science Review [elektronický zdroj]</i>. Vol. 20, no. 3 (2020), s. 150-156. ISSN 1335-8871 (2020: 1.319 - IF, Q4 - JCR Best Q, 0.301 - SJR, Q3 - SJR Best Q). V databáze: CC: 000555887000006 ; SCOPUS: 2-s2.0-85091461532. Ohlasy: [1] KURIC, Ivan - KLACKOVÁ, Ivana - NIKITIN, Yury Rafailovich - ZAJACKO, Ivan - CISAR, Miroslav - TUCKI, Karol. Analysis of Diagnostic Methods and Energy of Production Systems Drives. In PROCESSES, 2021, vol. 9, no. 5, pp., Registrované v: WOS, CC, SCOPUS [1] VIRGALA, Ivan - PRADA, Erik - VAGAS, Marek. POWER AND FORCE LIMITING TECHNIQUE AT COLLABORATIVE WORKPLACE. In MM SCIENCE JOURNAL, 2021, vol. 2021, no., pp. 4424-4427. ISSN 1803-1269., Registrované v: WOS, SCOPUS [1] LESEMAN, Zayd C. Design of a Microscale Optomechanical Load Cell for Micro-/Nanostructured Materials Testing Applications. In ARABIAN JOURNAL FOR SCIENCE AND ENGINEERING, 2021, vol., no., pp. ISSN 2193-567X., Registrované v: WOS, SCOPUS
--	--

	4. [1] NIKITIN, Y. - TURYGIN, A. - STOLLMANN, V. MULTILEVEL CONTROL OF A TRANSPORT ROBOT. In MM SCIENCE JOURNAL, 2022, vol. 2022, no., pp. 5662-5669. ISSN 1803-1269., Registrované v: WOS, SCOPUS 5. [1] PACHKAWADE, Vinayak. Transduction in M/NEMS Actuation and Sensing: A Review. In: IEEE Sensors Journal, 2024, vol. 24, no. 6, pp. 7420-7431. ISSN 1530-437X., Registrované v: SCOPUS, WOS, CC 6. KRENICKY, T a L STRAKA. Method of Modelling a Tank with Ribbing using a Spatial Scanner for Optimized Control of Volume Characteristics. IOP Conference Series: Materials Science and Engineering [online]. 2021, 1199(1) [cit. 2022-10-31]. ISSN 1757-8981. Dostupné z: doi:10.1088/1757-899X/1199/1/012064 HARŤANSKÝ, René - MIERKA, Martin - JANČÁRIK, Vladimír - BITTERA, Mikuláš - HALGOŠ, Ján - DZURIŠ, Michal - KRCHNÁK, Jakub - HRICKO, Jaroslav - ANDOK, Robert. Towards a MEMS force sensor via the electromagnetic principle. In <i>Sensors</i>. Vol. 23, iss. 3 (2023), Art. no. 1241 [16] s. ISSN 1424-3210 (2023: 3.4 - IF, Q2 - JCR Best Q, 0.786 - SJR, Q2 - SJR Best Q). V databáze: DOI: 10.3390/s23031241 ; WOS: 000932946300001 ; CC: 000932946300001 ; SCOPUS: 2-s2.0-85147998215. Ohlasy: 1. [1] GUPTA, Agrim - PARK, Daegue - BASHAR, Shayaun - GIRERD, Cedric - BHAT, Nagarjun - MUNDHRA, Siddhi - MORIMOTO, Tania K. - BHARADIA, Dinesh. ForceSticker: Wireless, Batteryless, Thin & Flexible Force Sensors. In: <i>Proceedings of the ACM on Interactive, Mobile, Wearable and Ubiquitous Technologies</i>, 2023, vol. 7, no. 1, art. no. 13. ISSN 2474-9567., Registrované v: SCOPUS, WOS 2. [1] LYU, Pin - ZHU, Jingyi - LAI, Jizhou - YUAN, Cheng - WANG, Pengyu. Indoor pedestrian navigation method based on behavior probability analysis. In: <i>Zhongguo Guanxing Jishu Xuebao/Journal of Chinese Inertial Technology</i>, 2023, Vol. 31, No. 11, pp. 1122-1131. ISSN 1005-6734., Registrované v: SCOPUS 3. [1] JIE, Gou - HAO, Zhu - HUADONG, Yang. High-precision Elevation Sensor Based on Atmospheric Pressure. In: <i>Sensors and Materials</i>, 2023, Vol. 35, no. 12, pp. 3985-3996. ISSN 0914-4935., Registrované v: SCOPUS, WOS 4. [1] TIWARI, Bhawnath - GHORBANI, Marjan - CISIER, Dan - PERRIARD, Yves. Towards Development of a Novel Variable Stiffness Instrumented Gripper. In: <i>2023 11th International Conference on Control, Mechatronics and Automation, ICCMA 2023</i>, 2023, pp. 392-396. ISBN 979-835031568-4., Registrované v: SCOPUS 5. [1] SHAMA, Yasser S. - RAHMANIAN, Sasan - MOUHARRAR, Hamza - ABDELRAHMAN, Rana - ELHADY, Alaaeldin - ABDEL-RAHMAN, Eihab M. Unraveling the nature of sensing in electrostatic MEMS gas sensors. In: <i>MICROSYSTEMS & NANOENGINEERING</i>, 2024, vol. 10, no. 1, art. no. 56. ISSN 2055-7434., Registrované v: WOS, CC, SCOPUS 6. [1] WU, Qiliang - WANG, Shuaichao - YAO, Minghui - NIU, Yan - WANG, Cong. Nonlinear dynamics of three-layer microplates: simultaneous presence of the micro-scale and imperfect effects. In:
--	---

	EUROPEAN PHYSICAL JOURNAL PLUS, 2024, vol. 139, no. 5, art. no. 446. ISSN 2190-5444., Registrované v: WOS, SCOPUS, CC JANČÁRIK, Vladimír - HARTÁNSKÝ, René - SLÍŽIK, Jozef - MIERKA, Martin - HALGOŠ, Ján - HALLON, Jozef - HRICKO, Jaroslav. Autonomous sensor of electromagnetic field. In <i>Review of Scientific Instruments</i>. Vol. 90, Iss. 6 (2019), Art.No. 64705. ISSN 0034-6748 (2019: 1.480 - IF, Q3 - JCR Best Q, 0.625 - SJR, Q2 - SJR Best Q). V databáze: CC: 000474601100031 ; SCOPUS: 2-s2.0-85068196237. Ohlasy: 1. [1] MURAVEV, Vitaly V. - MURAVEVA, Olga, V - VOLKOVA, Ludmila V. - SAGA, Milan - SAGOVA, Zuzana. MEASUREMENT OF RESIDUAL STRESSES OF LOCOMOTIVE WHEEL TREADS DURING THE MANUFACTURING TECHNOLOGICAL CYCLE. In <i>MANAGEMENT SYSTEMS IN PRODUCTION ENGINEERING</i>, 2019, vol. 27, no. 4, pp. 236-241. ISSN 2299-0461., Registrované v: WOS, SCOPUS 2. [1] KURIC, Ivan - KLACKOVA, Ivana - NIKITIN, Yury Rafailovich - ZAJACKO, Ivan - CISAR, Miroslav - TUCKI, Karol. Analysis of Diagnostic Methods and Energy of Production Systems Drives. In <i>PROCESSES</i>, 2021, vol. 9, no. 5, pp., Registrované v: WOS, CC, SCOPUS 3. [1] NIKITIN, Yury. - TURYGIN, Alexandr. - STOLLMANN, Vladimir. MULTILEVEL CONTROL OF A TRANSPORT ROBOT. In <i>MM SCIENCE JOURNAL</i>, 2022, vol. 2022, no., pp. 5662-5669. ISSN 1803-1269., Registrované v: WOS 4. [1] BOZEK, Pavol - KRENICKY, Tibor - STEPANOV, Pavel Ivanovich - NIKITIN, Yury Rafailovich - GUPALOV, Boris Alekseevich - LAGUTKIN, Stanislav Vladimirovich. DEVELOPMENT OF A SYSTEM FOR PREDICTIVE DIAGNOSTICS OF TRACTION ASYNCHRONOUS ELECTRIC DRIVE FOR TRAINS. In: <i>MM Science Journal</i>, 2022-11-01, 2022-November, pp. 6123-6126. ISSN 18031269., Registrované v: SCOPUS, WOS
Počet doktorandov, ktorým je alebo bol školiteľom s určením, koľkí z nich ku dňu vyhotovenia životopisu riadne skončili	0

Názov študijného odboru, v ktorom bude uchádzač pôsobiť: **Elektrotechnika**

Počet uchádzačov: 1

V Bratislave, 23.04.2025

v. r. prof. Ing. Vladimír Kutiš, PhD.
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