

## Komisie KEGA - Vedecká charakteristika kandidáta

### Základné údaje

<b>Meno:</b>	<b>Ladislav</b>
<b>Priezvisko:</b>	<b>Morovič</b>
<b>Organizácia:</b>	<b>Slovenská technická univerzita v Bratislave Materiálovotechnologická fakulta v Trnave Ústav výrobných technológií Katedra obrábania a počítačom podporovaných technológií</b>

### Prehľad publikačných aktivít

Kód*	Kategória publikačnej činnosti*	Počet celkom	Počet za ostatných 5 rokov
AAA, AAB, ABA, ABB	vedecké monografie, resp. štúdie charakteru vedeckej monografie vydané v zahraničných a domácich vydavateľstvách	1	1
ABC, ABD	kapitoly v zahraničných a domácich vedeckých monografiách	0	0
ADC, ADD	vedecké práce v zahraničných a domácich karentovaných časopisoch	1	1
ADM, ADN	vedecké práce v zahraničných a domácich časopisoch registrovaných v databázach Web of Science alebo SCOPUS	2	2
ADE, ADF	vedecké práce v ostatných zahraničných a domácich časopisoch	14	6
AEC, AED	vedecké práce v zahraničných a domácich recenzovaných vedeckých zborníkoch, monografiách	5	4
AFC, AFD	publikované príspevky na zahraničných a domácich vedeckých konferenciách (úplné texty)	37	8
AGJ	patentové prihlášky, prihlášky úžitkových vzorov, prihlášky dizajnov, prihlášky ochranných známok...	0	0
AFG	Abstrakty príspevkov zo zahraničných konferencií	1	1
BAA	Odborné monografie vydané v zahraničných vydavateľstvách	1	0
BCI	Skriptá a učebné texty	1	0
BDF	Odborné práce v ostatných domácich časopisoch	2	1
BEE	Odborné práce v zahraničných zborníkoch (konferenčných aj nekonferenčných)	1	1
BEF	Odborné práce v domácich zborníkoch (konferenčných aj nekonferenčných)	2	2
DAI	Dizertačné a habilitačné práce	2	0

\* podľa vyhlášky MŠVVaŠ SR č. 456/2012 o centrálnej evidencii publikačnej činnosti a centrálnej evidencii umeleckej činnosti

### Linky na prehľad publikačnej činnosti (v organizácii a/alebo bibliografických databázach)

[https://kis.cvt.stuba.sk/aRLreports/rep\\_37343348\\_00A6F70FFA974824C677-2.htm?urlcache=1582712325537](https://kis.cvt.stuba.sk/aRLreports/rep_37343348_00A6F70FFA974824C677-2.htm?urlcache=1582712325537)

### Citačný ohlas (bez autocitácií)

Kód*	Kategória*	Počet celkom
1, 2	citácie v zahraničných a domácich publikáciách registrované v databázach Web of Science a SCOPUS	57
3, 4	citácie v zahraničných a domácich publikáciách neregistrované v citačných indexoch	49

\* podľa vyhlášky MŠVVaŠ SR č. 456/2012 o centrálnej evidencii publikačnej činnosti a centrálnej evidencii umeleckej činnosti

**Najvýznamnejšie uznanie vedeckých výsledkov a vedecké aktivity** (napr. ocenenia za vedeckú prácu, funkcie a členstvá, študijné pobyty, riešené projekty a pod.)

**I) Aktuálne riešené projekty:**

1.

**Horizon 2020**

„Directional Composites through Manufacturing Innovation“

Acronym: **DiCoMI**

Solution period:	03/2018 – 02/2022
Position / function:	<b>principal coordinator for STU MTF in Trnava</b>
Workplace:	STU MTF Trnava (16 partners from 11 countries)
Principal leader:	prof. Ian Campbell (Loughborough University, UK)

2.

**Horizon 2020**

The CALIPER project: Linking research and innovation for gender equality

Solution period:	01/2020 – 12/2023
Position / function:	<b>worker</b>
Supervisor:	doc. Mgr. Dagmar Cagánová, PhD.

3.

**EUREKA Project**

„An integral process value chain based on Hybrid Manufacturing process for a flexible and reconfigurable production of high complexity tooling“

Acronym: **Flex-TOOL**

Solution period:	2019-2020
Position / function:	<b>member of the research team</b>
Workplace:	STU MTF in Trnava (6 partners from 3 countries)
Principal investigator:	prof. Ing. Peter Šugár, CSc.

4.

**APVV-18-0418** (Slovak Research and Development Agency)

„Výskum príčin vzniku geometrických odchýlok pri výrobe bezšvíkových rúr a ich technologická dedičnosť s dôrazom na tvarovú stabilitu presných rúr ťahaných za studena s využitím metrologických systémov“ -

„Research on causes of geometrical deviations in the production of seamless tubes and their technological inheritance with emphasis on the shape stability of precision cold drawn tubes using metrological systems“

Solution period:	7/2019 - 6/2023
Position / function:	<b>principal investigator</b>
Workplace:	STU MTF in Trnava + ŽP Research and Development Centre Ltd.
Principal leader:	doc. Ing. Ladislav Morovič, PhD.

5.

**VEGA 1/0747/19**

„Optimalizácia geometrie rezných nástrojov vyrábaných zlievarenskou technológiou a práškovou metalurgiou za účelom zvýšenia trvanlivosti“

„Optimization of geometry of cutting tools produced by foundry technology and powder metallurgy to increase durability“

Solution period:	01/2019 – 12/2022
Position / function:	<b>member of the research team</b>
Workplace:	STU MTF in Trnava
Principal investigator:	prof. Ing. Alexander Čaus, DrSc.

6.

**International Visegrad Fund – Grant Program**

„CLIL – Vysokoškolský učiteľ“

„CLIL - Higher Education Teacher“

Solution period:	05/2019 – 10/2020
Position / function:	<b>worker</b>
Workplace:	STU MTF in Trnava
Principal investigator:	Mgr. Ľudmila Hurajová, PhD.

## II) V minulosti riešené projekty:

1.

### **FormTool MANUNET-2014-11283**

„Inovačné metódy úpravy povrchových vrstiev nástrojov na plošné tvárnenie -- výskum a vývoj”

„Innovative methods of sheet metal forming tools surfaces improvement - R&D”

Solution period:	01/2015 – 12/2017
Position / function:	<b>member of the research team</b>
Workplace:	STU MTF in Trnava
Principal investigator:	prof. Ing. PETER ŠUGÁR, CSc.

2.

### **6. RP EÚ (6th Framework Programme of European Commission)**

#### **MANUNET-2008-SK-001**

„Multivariate optimization of the metal spinning processes – research and development (acronym Met-Spin)” –

„Viacriteriálna optimalizácia výroby osovo-symetrických rotačných súčiastok z tenkých plechov združeným ohýbaním za rotácie - výskum a vývoj“

Solution period:	01.09.2009 – 31.12.2011
Position / function:	<b>member of the research team</b>
Workplace:	STU MTF in Trnava
Principal investigator:	prof. Ing. PETER ŠUGÁR, CSc.

3.

### **VEGA No. 1/0302/03**

„Nové metódy výroby, kontroly a montáže súčiastok s tvarovo zložitými a presnými plochami“

Solution period:	01. 01. 2003 - 31. 12. 2005
Position / function:	<b>member of the research team</b>
Workplace:	STU MTF in Trnava
Principal investigator:	prof. Dr. Ing. Jozef Peterka

4.

### **VEGA No. 1/3162/06**

„Určovanie charakteristík výrobných zariadení, ich produktov a neistoty merania“ -

„Determining of the accurate characteristics of production equipment, of their products and uncertainty of their measurement“

Solution period:	01. 01. 2006 - 31. 12. 2008
Position / function:	<b>member of the research team</b>
Workplace:	STU MTF in Trnava
Principal investigator::	doc. Ing. Augustín Görög, PhD.

5.

### **VEGA No. 1/0130/08**

„Skúmanie vplyvu CAM stratégií na dosahovanú presnosť rozmerov a drsnosti obrobených plôch v podmienkach univerzitného Hi-tech laboratória“ -

„Research influence of CAM strategies on achieved dimension accuracy and roughness of machined surface in conditions of university Hi-tech laboratory“

Solution period:	01. 01. 2008 - 31. 12. 2010
Position / function:	<b>member of the research team</b>
Workplace:	STU MTF in Trnava
Principal investigator:	doc. Ing. Peter Pokorný, PhD.

6.

### **VEGA 1/0250/11**

„Skúmanie dynamických charakteristík rezného procesu pri 5 – osovom frézovaní v podmienkach Centra excelentnosti 5 – osového obrábania“ -

“Investigation of dynamic characteristics of the cutting process in 5 - axis milling in conditions of Centre of Excellence of 5 - Axis Machining”.

Solution period:	01. 01. 2011 - 31. 12. 2013
Position / function:	<b>member of the research team</b>
Workplace:	STU MTF in Trnava
Principal investigator:	doc. Ing. Peter Pokorný, PhD.

7.

**VEGA 1/0470/14**

„Využitie moderných metód optického 3D skenovania na analýzu deformácií zvarkov“

„Utilization of modern optical 3D scanning methods for weldment deformation analysis“

Solution period:	01. 01. 2014 - 31. 12. 2016
Position / function:	<b>member of the research team</b>
Workplace:	STU MTF in Trnava
Principal investigator:	prof. Ing. Milan Marônek, CSc.

8.

**VEGA 1/0669/15**

„Výskum technológie laserového textúrovania povrchu pre potreby optimalizácie tribologických podmienok v procesoch plošného tvárnenia“

„Research of laser surface texturing and its application in the sheet metal forming processes tribological conditions optimization“

Solution period:	01. 01. 2015 - 31. 12. 2018
Position / function:	<b>member of the research team</b>
Workplace:	STU MTF in Trnava
Principal investigator:	prof. Ing. Peter Šugár, CSc.

9.

**KEGA No. 3/2382/04**

„Tvorba výučbového multimediálneho modulárneho software pre programovanie CNC strojov“ –

„Generation of educational multimedia modular software for programming of CNC machines“

Solution period:	01. 01. 2004 - 31. 12. 2006
Position / function:	<b>member of the research team</b>
Workplace:	STU MTF in Trnava
Principal investigator:	prof. Dr. Ing. Jozef Peterka

10.

**KEGA 1746 (047STU-4/2012)**

„Vybudovanie On-line učebne pre dynamické vzdelávanie študentov stredných a vysokých škôl z oblasti návrhu a výroby tvarovo zložitých súčiastok“ –

„Realisation of On-line classroom for dynamic education of secondary technical school and university students focused on design and manufacturing of freeform surfaces“

Solution period:	2012 - 2014
Position / function:	<b>member of the research team</b>
Workplace:	STU MTF in Trnava
Principal investigator:	prof. Dr. Ing. Jozef Peterka

11.

**KEGA (032STU-/2014)**

„Implementácia princípov Blended Learningu do výučby programovania CNC výrobných strojov a zariadení s pokrokovou kinematickou štruktúrou“

„Blended Learning principles implementation into teaching of programming of CNC machine tools with advanced kinematic structure“

Solution period:	01. 01. 2014 – 31. 12. 2016
Position / function:	<b>member of the research team</b>
Workplace:	STU MTF in Trnava
Principal investigator:	prof. Ing. Peter Šugár, CSc.

12.

**ITMS 26220120013**

„Centrum excelentnosti 5-osového obrábania“ –

„Centre of excellence of 5-axis machining“

Solution period:	01. 05. 2009 - 30. 04. 2010
Position / function:	<b>investigator</b>
Workplace:	STU MTF in Trnava
Principal leader:	prof. Dr. Ing. Jozef Peterka

13.

**ITMS 26220120045**

„Centrum excelentnosti 5-osového obrábání - experimentální báza pre high-tech výskum“ -

„Centre of excellence of 5-axis machining - experimental base for high-tech research“

Solution period:	1/2010 - 12/2012
Position / function:	<b>investigator</b>
Workplace:	STU MTF in Trnava
Principal leader:	prof. Dr. Ing. Jozef Peterka

**III) Rôzne**

- Member of state committee (2nd (MSc) degree of university study): Slovak University of Technology in Bratislava, Technical University of Košice, University of Žilina, Brno University of Technology
- Elaboration of opponent's review (doctoral dissertation theses): Brno University of Technology, University of Žilina
- Elaboration of opponent's review (habilitation thesis): Brno University of Technology
- Laboratory of Additive Technologies and Analysis of Machining and Forming Processes – Head of Laboratory: prof. Ing. Peter Šugár, CSc., doc. Ing. Ladislav Morovič, PhD.
- Member of the International Scientific Board of the International Conference on Manufacturing Engineering and Materials (22–26.06.2020, Nový Smokovec, Slovak Republic)
- Member of the committee “Novel Trends in Production Devices and Systems”
- Local CEEPUS coordinator at Slovak University of Technology in Bratislava, Faculty of Materials Science and Technology in Trnava (Central European Exchange Program for University Studies)
- Member of the TEAM 2011 conference organizational team
- Preparation of reviews (KEGA, e-VEGA, papers for conference proceedings, papers for scientific journals, etc.)
- Active participation (lectures) at seminars on optical 3D scanning (MCAE Systems, s.r.o., Kuřim, Czech Republic)
- Lectures abroad in the frame of teacher mobilities (CEEPUS – e.g. Rijeka (Croatia), Budapest (Hungary); Erasmus - Kecskemét (Hungary)
- Lecture (15.07.2016) during the "Automobile Junior Academy" (AJA, 11-15.07.2016) in Trnava (STU MTF)
- Lecture (14.07.2017) during "Automobile Junior Academy" (AJA, 10-14.07.2017) in Trnava (STU MTF)
- Lecture (11.07.2016) during "Physical Camp" (11-13.07.2016) in Trnava (STU MTF)
- Promotion of the study at STU MTF during "Doors Open Days" in Trnava
- Promotion of the study at STU MTF during "Doors Open Days" in Komárno (detached workplace)
- Promotion of the study at STU MTF (Komárno, 24.01.2018, SPŠ, SOŠ, Hans Selye Gymnasium Hungarian Language)
- Promotion of the study at STU MTF in the frame of event “Where to go to university” (city sport hall, Trnava)
- Promotion of the science at the event "Researchers' Night" (29.09.2017, stand of STU MTF, Stará tržnica, Bratislava)
- Promotion of science in the form of lectures at region Horehronie (05-06.10.2017 - Elementary school with kindergarten Predejná, Private secondary vocational school of metallurgy Železiarne Podbrezová, Gymnázium Ján Chalupka Brezno, Elementary school Čierny Balog, Elementary school with kindergarten MPČL 35 Brezno; 05.02.2019 - Secondary vocational school Lopej, Secondary vocational school Brezno)
- Lecture (04.09.2019) and promotion of the study at STU MTF in the frame of event “MTF UNI – Zaži univerzitu” (04-06.09.2019), Trnava
- Representation of STU MTF – stand of STU MTF, International Engineering Fair, Brno, Czech Republic
- Representation of STU MTF - stand of STU MTF - Techforum (presentation of outputs of technical colleges and universities), Agrokomplexno Exhibition Center, Nitra, Slovak Republic

**Výber 5 najvýznamnejších vedeckých prác\* za ostatných 10 rokov a úplný zoznam citácií (bez autocitácií) na uvedené publikácie**

**AAA Vedecké monografie vydané v zahraničných vydavateľstvách**

AAA01 MOROVIČ, Ladislav. *Non-contact measurement of free-form surfaces*. 1. vyd. Plzeň : Vydavatelství a nakladatelství Aleš Čeněk, s.r.o., 2016. 89 s. ISBN 978-80-7380-628-6.

**ADC Vedecké práce v zahraničných karentovaných časopisoch**

ADC01 COSMA, C. - BALC, N. - MOLDOVAN, M. - MOROVIČ, Ladislav - GOGOLA, Peter - MIRON BORZAN, C. Post-processing of customized implants made by laser beam melting from pure Titanium. In *Journal of Optoelectronics and Advanced Materials*. Vol. 19, iss. 11-12 (2017), s. 738-747. ISSN 1454-4164 (2017: 0.390 - IF, Q4 - JCR Best Q, 0.204 - SJR, Q3 - SJR Best Q). V databáze: SCOPUS ; WOS: CCC:000423251100009 ; MLJ.

Ohlasy:

1. [1] MORARU, E. - DONTU, O. - PETRE, A. - VAIREANU, D. - CONSTANTINESCU, F. - BESNEA, D. Some technological particularities on the execution of dental prostheses realized by selective laser deposition. In *Journal of Optoelectronics and Advanced Materials*, 2018, 20, 3-4, pp. 208-213. ISSN 1454-4164., Registrované v: WOS, CC, SCOPUS
2. [1] PACURAR, Razvan - PACURAR, Ancuta - POP, Serban. Designing of an innovative extrusion system for metallic parts made by desktop 3D printing method. In *MATEC Web of Conferences*, 2018, 178., Registrované v: SCOPUS
3. [1] PASCALAU, D. - MARINCA, T. F. - BUDURU, S. - MESAROS, A. S. Optic changes due to innovative experimental formulations for bleaching non-vital teeth. In vitro study. In *Optoelectronics and Advanced Materials, Rapid Communications*, 2018, 12, 11-12, pp. 764-770. ISSN 18426573., Registrované v: SCOPUS, WOS, CC
4. [1] TOLEA, F. - SOFRONIE, M. Martensitic transformation and related properties of Fe<sub>69</sub>.4Pd<sub>30</sub>.6 ferromagnetic shape memory ribbons. In *JOURNAL OF OPTOELECTRONICS AND ADVANCED MATERIALS*, 2018, vol. 20, no. 11-12, pp. 701-706. ISSN 1454-4164., Registrované v: WOS, CC, SCOPUS
5. [1] LOGINOV, Yu N. - STEPANOV, S. I. - GREKHOV, S. K. Properties anisotropy of additive manufactured high-porous titanium alloy with non-equiaxial cellular structure. In *Materials Science Forum*, 2019, 946 MSF, pp. 984-989. ISSN 02555476., Registrované v: SCOPUS
6. [1] BERNEVIG-SAVA, M. A. - STAMATE, C. - LOHAN, N. M. - BACIU, A. M. - POSTOLACHE, I. - BACIU, C. - BACIU, E. R. Considerations on the surface roughness of SLM processed metal parts and the effects of subsequent sandblasting. In *IOP Conference Series: Materials Science and Engineering*, 2019, 572, 1, pp. ISSN 17578981., Registrované v: SCOPUS
7. [1] SELAGEA, M. - MORARU, E. - BESNEA, D. - UDREA, R. - LUNGU, B. Some technological aspects regarding laser ablation of oxides resulting from exposing alloyed steels to high temperatures. In *Optoelectronics and Advanced Materials, Rapid Communications*, 2019, 13, 9-10, pp. 539-545. ISSN 18426573., Registrované v: SCOPUS

**ADM Vedecké práce v zahraničných časopisoch registrovaných v databázach Web of Science alebo SCOPUS**

ADM01 MOROVIČ, Ladislav - MILDE, Ján. Influence of part orientation on geometrical and dimensional accuracy in FDM method. In *Academic Journal of Manufacturing Engineering*. Vol. 15, iss. 1 (2017), s. 24-28. ISSN 1583-7904 (2017: 0.203 - SJR, Q3 - SJR Best Q). V databáze: SCOPUS.

ADM02 URMINSKÝ, Ján - JÁŇA, Miroslav - MARÔNEK, Milan - MOROVIČ, Ladislav. Analysis of weld joint deformations by optical 3D scanning. In *Acta Polytechnica*. Vol. 56, No. 1 (2016), online, s. 76-80. ISSN 1210-2709 (2016: 0.220 - SJR, Q3 - SJR Best Q). V databáze: DOI: doi:10.14311/APP.2016.56.0076 ; WOS ; SCOPUS.

**AFC Publikované príspevky na zahraničných vedeckých konferenciách**

AFC18 MOROVIČ, Ladislav - POKORNÝ, Peter. Optical 3D Scanning of Small Parts. In *Advanced Materials Research : 3rd International Conference on Manufacturing Science and Engineering (ICMSE 2012), China, 27-29 Marec 2012*. Vol. 468-471 (2012), s.2269-2273. ISSN 1022-6680 (2012: 0.135 - SJR, Q4 - SJR Best Q). V databáze: SCOPUS ; WOS.

Ohlasy:

1. [1] SABAU, E. - BALC, Nicolae - BERE, P. - NEMES, O. New materials from waste glass fibre. In *Studia Universitatis Babes-Bolyai Chemia*, 2012, iss. 4, s.201-208.
2. [3] PACURAR, Razvan - PACURAR, Ancuta - BALC, Nicolae. Research on the Accuracy of Injection Molding Tools Made by H13 Material Using the Selective Laser Melting Technology. 2013In *Mathematics and Computers in Science and Engineering Series : EMESEG '13, UPT '13, STENG '13*, Cambridge, UK, February 20-22, 2013, s.81-86. ISBN 978-1-61804-165-4.
3. [1] PACURAR, Razvan - BERCE, Petru. Research on How Lens Position of the Optical System is Influencing the Mechanical Characteristics of the Metallic Parts Made by Selective Laser Melting Equipment. In *Advanced Engineering Forum*, 2013, vol. 8-9, s.285-292.
4. [1] CECLAN, Vasile Adrian - BERE, Paul - BORZAN, Marian - GROZAV, Sorin - BORZAN, Cristina. Development of Environmental Technology for Carbon Fibre Reinforced Materials Recycling. In *Materiale Plastice*, 2013, vol. 50, no. 2, s.79-83.
5. [1] KOUTECKÝ, T. - PALOUŠEK, D. - BRANDEJS, J. Method of photogrammetric measurement automation using TRITOP system and industrial robot. In *Optik - International Journal for Light and Electron Optics*, 2013, vol. 124, iss. 18, s.3705-3709.
6. [3] CECLAN, Vasile Adrian - GROZAV, S. D. - SABAU, E. - POPAN, A. I. - BORZAN, C. S. Structural analysis of tubes hydroforming. In *Academic Journal of Manufacturing Engineering*, 2013, vol. 11, iss. 3, s.56-59.
7. [1] CECLAN, Vasile Adrian - BALC, Nicolae - GROZAV, Sorin - BERE, Paul - BORZAN, Cristina. Quality of the hydroformed tubular parts. 2013In *Advanced Engineering Forum*, s.215-224.
8. [1] BERE, Paul - NEMES, O. - DUDESCU, Cristian - BERCE, Petru - SABAU, E. Design and Analysis of Carbon/Epoxy Composite Tubular Parts. In *Advanced Engineering Forum*, 2013, vol. 8-9, s.207-214.
9. [3] BERE, Paul - NEAMTU, Calin. Methodology for evaluate the form deviations for formula one nose car. In *Central European Journal of Engineering*, 2014, vol. 4, iss. 2, s.148-154.
10. [1] COMES, Radu - Neamtu, Calin - Buna, Zsolt - Badiu, Ionut - Pupeza, Paul. METHODOLOGY TO CREATE 3D MODELS FOR AUGMENTED REALITY APPLICATIONS USING SCANNED POINT CLOUDS. In *MEDITERRANEAN ARCHAEOLOGY & ARCHAEOOMETRY*, 2014, vol. 14, no. 4, pp. 35-44. ISSN 1108-9628., Registrované v: WOS
11. [1] Popescu, Daniela - Popișter, Florin - Popescu, Sorin C. - Neamțu, Călin - Gurzau, Mircia. Direct toolpath generation based on graph theory for milling roughing. In *Procedia CIRP*, 2014, 25, c, pp. 75-80. ISSN 2212-8271., Registrované v:

WOS, SCOPUS

12. [3] POPAN, A. I. - BALC, N. - POPAN, Alina - FRATILA, D. - TRIF, Adrian. Surface roughness prediction during dry turning of austenitic stainless steel AISI 304. In Applied Mechanics and Materials : Vol. 808 = Modern Technologies in Manufacturing, Selected, Peer reviewed papers from the 12th International Conference on Modern Technologies in Manufacturing (MTeM). October 14-16, 2015, Cluj-Napoca, Romania. Vol. 808, (2015), s. 54-59. ISSN 1660-9336.
13. [3] PACURAR, Razvan - PACURAR, Ancuta. Topology optimization of an airplane component to be made by selective laser melting technology. In Applied Mechanics and Materials : Vol. 808 = Modern Technologies in Manufacturing, Selected, Peer reviewed papers from the 12th International Conference on Modern Technologies in Manufacturing (MTeM). October 14-16, 2015, Cluj-Napoca, Romania. Vol. 808, (2015), s. 181-186. ISSN 1660-9336.
14. [3] CECLAN, Vasile Adrian - POPAN, A. I. - GROZAV, S. D. - MIRON BORZAN, C. - KURIC, Ivan. The analyses of working parameters for a 3D complex part manufacturing by CNC machine. In Applied Mechanics and Materials : Vol. 808 = Modern Technologies in Manufacturing, Selected, Peer reviewed papers from the 12th International Conference on Modern Technologies in Manufacturing (MTeM). October 14-16, 2015, Cluj-Napoca, Romania. Vol. 808, (2015), s. 286-291. ISSN 1660-9336.
15. [3] POPAN, Alexandru - BALC, Nicolae - LUCA, Bogdan - POPAN, Alina - CAREAN, Alexandru. The accuracy of the plastic parts milling process executed by a six axes robot. In Applied Mechanics and Materials : Vol. 808 = Modern Technologies in Manufacturing, Selected, Peer reviewed papers from the 12th International Conference on Modern Technologies in Manufacturing (MTeM). October 14-16, 2015, Cluj-Napoca, Romania. Vol. 808, (2015), s. 339-344. ISSN 1660-9336.
16. [1] YUAN, Xiaodong. A prototype 3D scanning system based on object features active extraction and 3D reconstruction with discrete points. In Mari Papely Corrugado, 2016, 25, pp. 9-20. ISSN 1794-3396., Registrované v: SCOPUS
17. [1] MOJŽIŠ, Milan - RIDZOŇ, Martin - BÍLIK, Jozef - PARILÁK, L'udovít. The geometrystability of the multi rifled tubes by the production. In METAL 2017 26th International Conference on Metallurgy and Materials, Conference Proceedings, 2017, 2017-January, pp. 351-356. ISBN 978-8087-2947-96., Registrované v: WOS, SCOPUS
18. [1] NAWAWI, Azli - NOR, Mohd Hadri Mohamed - HALIM, Muhamad Amir Hafiz Abdul - SIDEK, Noor Azizah. The Effect of Surface Parameters to the Performance of Reverse Engineering Process. In MATEC Web of Conferences, 2018, 150, pp. ISSN 2261-236X., Registrované v: SCOPUS
19. [1] POPAN, Ioan Alexandru - BALC, Nicolae - POPAN, Alina - CAREAN, Alexandru. Experimental study on reverse engineering in case of composite materials cut by water jet cutting. In MATEC Web of Conferences, 2018, 178., Registrované v: SCOPUS
20. [1] CECLAN, Vasile - GROZAV, Sorin. Determination of the force required for the hydroforming of al 99,5. In MATEC Web of Conferences, 2018, 244., Registrované v: SCOPUS, WOS
21. [1] BOCK, Matthias - KLEINEBERG, Markus. Assembly 4.0 FI. In SAE Technical Papers, 2019, march., Registrované v: SCOPUS

\* Uvedte aj kategóriu publikácie podľa vyhlášky MŠVVaŠ SR č. 456/2012 o centrálnom registri evidencie publikačnej činnosti a centrálnom registri evidencie umeleckej činnosti.