

Zoznam publikačnej činnosti

Pracovisko: M3 - M3
Roky vykazovania: 2015~2015

AEC Vedecké práce v zahraničných recenzovaných vedeckých zborníkoch, monografiách

- AEC01 NESLUŠAN, Miroslav [25 %] - KUSÝ, Martin [25 %] - SAMARDŽIOVÁ, Michaela [25 %] - ČILLIKOVÁ, Mária [25 %]. Influence of machining strategy on surface integrity of hardened bearing steel. In *Development in machining technology. Scientific Research Reports. Vol. 5. 1. vyd.* Cracow : Cracow University of Technology, 2015, S. 98-107. ISBN 978-83-7242-844-8. 005ŽU 4/2014, 009ŽU 4/2014.

AFC Publikované príspevky na zahraničných vedeckých konferenciách

- AFC01 DELGADO SOBRINO, Daynier Rolando [20 %] - HOLUBEK, Radovan [20 %] - VELÍŠEK, Karol [20 %] - VETRÍKOVÁ, Nina [20 %] - RUŽAROVSKÝ, Roman [20 %]. Simulation and simulation optimization in the design and analysis of the material flow and layout: the case of a flexible assembly cell. In *Proceedings of TEAM 2015 [elektronický zdroj] : 7th International Scientific and Expert Conference of the International TEAM Society : 15-16th October 2015, Belgrade, Serbia*. 1st ed. Belgrade : Faculty of Mechanical Engineering, 2015, DVD-ROM, s. 83-88. ISBN 978-86-7083-877-2.
- AFC02 ERTEL, Jozef [25 %] - BÁRTA, Jozef [25 %] - MARÔNEK, Milan [25 %] - BÍLIK, Jozef [25 %]. Evaluation of weld joints produced by laser welding of superduplex stainless steel SAF 2507. In *Proceedings of TEAM 2015 [elektronický zdroj] : 7th International Scientific and Expert Conference of the International TEAM Society : 15-16th October 2015, Belgrade, Serbia*. 1st ed. Belgrade : Faculty of Mechanical Engineering, 2015, DVD-ROM, s. 123-125. ISBN 978-86-7083-877-2.
- AFC03 HODÚLOVÁ, Erika [30 %] - KOVAŘÍKOVÁ, Ingrid [Sukubová, Indrig] [30 %] - ŠIMEKOVÁ, Beáta [30 %] - ULRICH, Koloman [10 %]. Ultrasonic inspection of thin duplex steel weld joints by TOFD. In *Applied Mechanics and Materials*. Vol. 752-753. 2014 1st International conference on Advanced Material and Structural Mechanical Engineering (ICAMSME 2014), Jeju, Island. South-Korea, July 27th 2014, (2015), s. 584-587. ISSN 1660-9336.
- AFC04 HODÚLOVÁ, Erika [30 %] - ŠIMEKOVÁ, Beáta [30 %] - KOVAŘÍKOVÁ, Ingrid [Sukubová, Indrig] [30 %] - ULRICH, Koloman [4 %] - KOLENIČ, František [3 %] - DŘÍMAL, Daniel [3 %]. Influence of EBW parameters on the quality of SAF 2205 duplex steel welds. In *68th IIW Annual Assembly and International Conference [elektronický zdroj] : High - Strength Materials - Challenges and Applications. Helsinki, Finland, 28th June - 3rd July 2015*. 1st ed. [s.l.] : IIW, 2015, CD-ROM, [4] s.
- AFC05 HOLUBEK, Radovan [25 %] - VETRÍKOVÁ, Nina [25 %] - ŠIMÚNOVÁ, Michala [25 %] - VELÍŠEK, Karol [25 %]. The laboratory of the flexible

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- AFC06 HOLUBEK, Radovan [20 %] - VELÍŠEK, Karol [20 %] - ŠIMÚNOVÁ, Michala [20 %] - VETRÍKOVÁ, Nina [20 %] - DELGADO SOBRINO, Daynier Rolando [20 %]. On the possibilities and the advantages of robot off-line programming : Teaching of off-line programming methods as a tool to further industrial implementation utilization. In *3rd International conference on Advances in mechanical, aeronautical and production techniques - MAPT [elektronický zdroj]*. 1. vyd. New York : Institute of Research Engineers and Doctors, 2015, CD-ROM, s. 58-62. ISBN 978-1-63248-059-0. článok publikovaný v časopise: International Journal of Advancements in Mechanical and Aeronautical Engineering - IJAMAE, ISSN 2372-4153, Vol. 2, iss. 2, október 2015, str. 214-218.
- AFC07 HOLUBEK, Radovan [20 %] - VETRÍKOVÁ, Nina [20 %] - RUŽAROVSKÝ, Roman [20 %] - DELGADO SOBRINO, Daynier Rolando [20 %] - VELÍŠEK, Karol [20 %]. Automatic exchange of grippers for robotic arms in assembly operations as the base for further industrial applications. In *Proceedings of TEAM 2015 [elektronický zdroj] : 7th International Scientific and Expert Conference of the International TEAM Society : 15-16th October 2015, Belgrade, Serbia*. 1st ed. Belgrade : Faculty of Mechanical Engineering, 2015, DVD-ROM, s. 69-74. ISBN 978-86-7083-877-2. 027stu-4/2014.
- AFC08 CHAUS, Alexander [34 %] - BEZNÁK, Matej [33 %] - SAHUL, Miroslav [33 %]. Diffusion induced changes in eutectic carbides in wrought M2 high-speed steel at austenitising. In *Defect and Diffusion Forum*. Vol. 365. Selected, peer reviewed papers from the 10th International Conference on Diffusion in Solids and Liquids, Mass Transfer - Heat Transfer - Microstructure & Properties - Nanodiffusion and Nanostructured Materials (DSL 2014), June 23-27, 2014, Paris, France, (2015), s. 5-10. ISSN 1012-0386 (E). V databáze: SCOPUS.
- AFC09 CHAUS, Alexander [100 %]. Teoretičeskaja ocenka poverchnostnoj aktivnosti modifikirujuščich elementov. In *Jubilejnaja naučno-praktičeskaja konferencija : posvjaščennaja 85-letiju Gomel'skogo gosudarstvennogo universiteta imeni Franciska Skoriny. Gomel', 17. 06.2015. Čast' 4*. 1. vyd. Gomel' : Gomel'skij gosudarstvennyj universitet, 2015, S. 63-66. ISBN 978-985-577-033-7.
- AFC10 JÁŇA, Miroslav [20 %] - TURŇA, Milan [20 %] - MARÔNEK, Milan [20 %] - KURUC, Marcel [20 %] - BÍLEK, Pavel [20 %]. Application of a ternary Zn-based solder alloy for joining of AZ31B magnesium alloy with ultrasonic support. In *Advanced Materials Research*. Vol. 1077. Selected, peer reviewed papers from the 2014 3rd International Conference on Mechanical, Engineering and Materials (ICMEM 2014), November 5-6, 2014, Singapore, (2015), s. 82-88. ISSN 1022-6680(P).

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- AFC12 KAPUSTOVÁ, Mária [50 %] - BÍLIK, Jozef [50 %]. The precision forging experiment of Mg alloy drop forging using computer simulation. In *Advanced Materials Research : 2014 2nd International conference on Advances in Materials Science and Engineering (AMSE 2014), October 1-2, 2014, Dubai, UAE*. Vol. 1064, (2015), s. 175-180. ISSN 1022-6680(P).
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- AFC14 KAPUSTOVÁ, Mária [50 %] - BALÁŽOVÁ, Mariana [50 %]. The analysis of temperature and strain rate influence on flow stress of Mg alloy AZ31. In *Applied Mechanics and Materials*. Vol. 752-753. 2014 1st International conference on Advanced Material and Structural Mechanical Engineering (ICAMSME 2014), Jeju, Island. South-Korea, July 27th 2014, (2015), s. 448-451. ISSN 1660-9336.
- AFC15 KOLEŇÁK, Roman [50 %] - PRACH, Michal [50 %]. Research of soldering silicon substrate with solder type Sn-Ag-Ti. In *Applied Mechanics and Materials*. Vol. 729. Selected, peer reviewed papers from the 2014 3rd International Conference on Chemical, Mechanical and Materials Engineering (CMME 2014), October 24-25, 2014, Riga, Latvia, (2015), s. 32-38. ISSN 1660-9336.
- AFC16 KOŠŤÁL, Peter [16 %] - TÓTH, Dávid [12 %] - MUDRIKOVÁ, Andrea [12 %] - BUČÁNYOVÁ, Marcela [12 %] - DELGADO SOBRINO, Daynier Rolando [12 %] - HOLUBEK, Radovan [12 %] - VETRÍKOVÁ, Nina [12 %] - RUŽAROVSKÝ, Roman [12 %]. Drawingless manufacturing implementation. In *Proceedings of TEAM 2015 [elektronický zdroj] : 7th International Scientific and Expert Conference of the International TEAM Society : 15-16th October 2015, Belgrade, Serbia*. 1st ed. Belgrade : Faculty of Mechanical Engineering, 2015, DVD-ROM, s. 189-192. ISBN 978-86-7083-877-2.
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- AFC18 KRAMÁR, Tomáš [25 %] - VONDROUŠ, Petr [25 %] - KOLAŘÍK, Ladislav [25 %] - SAHUL, Miroslav [25 %]. Disc laser welding of Mg alloy AZ61A. In *METAL 2015. 24th International Conference on Metallurgy and Materials. Brno*,

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- AFC20 KURUC, Marcel [34 %] - VAGOVSKÝ, Juraj [33 %] - PETERKA, Jozef [33 %]. Influence of machining parameters on machine tool loads at rotary ultrasonic machining of cubic boron nitride. In *ICPM 2015 [elektronický zdroj] : Proceedings. 8th International Congress on Precision Machining. 01-03 October 2015, Novi Sad, Serbia*. 1. vyd. Novi Sad : Faculty of Technical Sciences, 2015, CD-ROM, s. 195-200. ISBN 978-86-7892-742-3. článok publikovaný : Key Engineering Materials, ISSN 1013-9826, Vol. 686, 2016, pp. 155-160. V databáze: SCOPUS.
- AFC21 KURUC, Marcel [25 %] - KUSÝ, Martin [25 %] - ŠIMNA, Vladimír [25 %] - PETERKA, Jozef [25 %]. Influence of machining parameters on surface topography of cubic boron nitride at rotary ultrasonic machining. In *ICPM 2015 [elektronický zdroj] : Proceedings. 8th International Congress on Precision Machining. 01-03 October 2015, Novi Sad, Serbia*. 1. vyd. Novi Sad : Faculty of Technical Sciences, 2015, CD-ROM, s. 157-162. ISBN 978-86-7892-742-3. článok publikovaný: Key Engineering Materials, ISSN 1013-9826, Vol. 686, 2016, pp. 180-185. V databáze: SCOPUS.
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- AFC23 RIDZONĚ, Martin [25 %] - BUČEK, Pavol [25 %] - NECPAL, Martin [25 %] - PARILÁK, Ľudovít [25 %]. Manufacturing of precision seamless steel tubes using cold drawing technology: simulation and experiment. 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. 80-85. ISSN 1660-9336.
- AFC24 RIDZONĚ, Martin [20 %] - MOJŽIŠ, Milan [20 %] - DOMOVCOVÁ, Lucia [20 %] - BÍLIK, Jozef [20 %] - PARILÁK, Ľudovít [20 %]. Microstructural aspects of cold forming processes in precision tube drawing. In *METAL 2015. 24th International Conference on Metallurgy and Materials. Brno, 3.5.6.2015 [elektronický zdroj]*. 1st Ed. Ostrava : Tanger, 2015, CD-ROM, [5] s. ISBN 978-80-87294-58-1.

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- AFC30 VETRÍKOVÁ, Nina [20 %] - HOLUBEK, Radovan [16 %] - RUŽAROVSKÝ, Roman [16 %] - DELGADO SOBRINO, Daynier Rolando [16 %] - KOŠTÁL, Peter [16 %] - VELÍŠEK, Karol [16 %]. The changes of the automated assembly workplace with the camera control system. In *Proceedings of TEAM 2015 [elektronický zdroj] : 7th International Scientific and Expert Conference of the International TEAM Society : 15-16th October 2015, Belgrade, Serbia*. 1st ed. Belgrade : Faculty of Mechanical Engineering, 2015, DVD-ROM, s. 95-100. ISBN 978-86-7083-877-2.
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- AFD06 MARTINKOVIČ, Maroš [80 %] - POKORNÝ, Peter [20 %]. Estimation of local plastic deformation in cutting zone during turning. In *Key Engineering Materials*. Vol. 662. Selected peer reviewed papers from the Local Mechanical Properties (LMP 2014), November 12-14, High Tatras, Slovak Republic, (2015), s. 173-176. ISSN 1013-9826. V databáze: DOI: 10.4028/www.scientific.net/KEM.662.173 ; SCOPUS.
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AFH Abstrakty príspevkov z domácich konferencií

- AFH01 BARÁNEK, Ivan [100 %]. Nástrojový manažment pre inovatívne technológie obrábania. In *Technické vedy a výrobný manažment 2015 : zborník abstraktov z medzinárodnej vedeckej konferencie. Tatranská Štrba, SR, 16. - 17. 4. 2015*. 1. vyd. Bratislava : Ekonomická univerzita v Bratislave, 2015, S. 113. ISBN 978-80-971555-4-4.
- AFH02 BEHÚLOVÁ, Mária [50 %] - NAGY, Máté [50 %]. Numerical simulation of the resistance spot welding of parts from the AISI 304 steel. In *Development of Materials Science in Research and Education : Book of Abstracts of the 25th Joint Seminar : 31 August - 4 September, 2015, Kežmarské Žľaby*. 1st ed. Bratislava : Slovak Society for Industrial Chemistry, 2015, s. 13. ISBN 978-80-89597-28-4.
- AFH03 MARTINKOVIČ, Maroš [100 %]. The characteristics of the microstructure anisotropy of the plastically deformed material. In *Development of Materials Science in Research and Education : Book of Abstracts of the 25th Joint Seminar :*

31 August - 4 September, 2015, Kežmarské Žľaby. 1st ed. Bratislava : Slovak Society for Industrial Chemistry, 2015, S. 32. ISBN 978-80-89597-28-4.

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AFH05 POKUSOVÁ, Marcela [50 %] - ADAMEKOVÁ, Zuzana [50 %]. Environmental characteristics of reclaimed foundry self-hardening sands. In *TOP 2015 : proceedings of abstract. 21st International conference Engineering for environment protection. 23.-25.6. 2015, Senec, SR*. 1.vyd. Bratislava : Nakladateľstvo STU, 2015, S. 90. ISBN 978-80-227-4376-1.

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BEF Odborné práce v domácich zborníkoch (konferenčných aj nekonferenčných)

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BFA Abstrakty odborných prác zo zahraničných podujatí (konferencie...)

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