

CURRICULUM VITAE

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| <p>Prof. Dr. MIRLIND BRUÇI DOB: 22.01.1968 Place of Birth: ISNIQ, DEÇAN</p> <p>mirlind.bruci@uni-pr.edu</p> <p>Phone: +383 44 503 577</p> | |
| <p>ACADEMIC EDUCATION</p> | <ul style="list-style-type: none"> • 2005 - Doctor of the Science in Mechanical Engineering, Doctorial Theses: "Optimization of Production Processes in the Flexible Assembling Lines in the Electrical Motor Units in the ATB-WIENA Factory". University of Prishtina, Faculty of Mechanical Engineering • 1997 – Master of Science in Mechanical Engineering, Master Theses: "Research on Possibility of Automation of some Elements of the Design and Construction Process of Forging Technology" University of Prishtina, Faculty of Mechanical Engineering • 1992 - Diploma, Mechanical Engineer, Department of Production, Mechanical Faculty in Prishtina |
| <p>AWARDS, FELLOWSHIPS, GRANTS MOBILITY</p> | <ul style="list-style-type: none"> • 2019-Universiteti Politeknik i Tiranës Ligjërues në Lëndën: "Teknologjia Mekanike" për pjesën e përpunimit plastik të metaleve. Tema e ligjëratisë: - Përunimi i trupave vëllimor dhe sipërfaqësor me deformim plastik- Metodat bashkëkohore teknologjike të përpunimit me deformim plastik: <ul style="list-style-type: none"> - Tejshtypja këndore (Equal channel angular pressing/ extrusion - ECAP/ ECAE) - Torzioni me presion të lartë (High pressure torsion - HPT) - Cilindrimi komulativ (Accumulative roll bonding - ARB) - Tejshtypja alternative (Reciprocating extrusion - compression - REC) - Përkulja e përsëritur alternative (Repetitive corrugation and straightening - RCS) • 2018-Universiteti Politeknik i Tiranës Ligjërues në Lëndën: "Teknologjia Mekanike" për pjesën e përpunimit plastik të metaleve. <ul style="list-style-type: none"> - Krijimi e softuerit për automatizimin e procesit teknologjik të përpunimit me deformim plastik - Certifikimi i produkteve sipas normës evropiane CE - Certifikimi i laboratorëve provues • 2017-MIRECK, Hamburg University of Technology, TUHH (www.tuhh.de), Germany (With scientists and invited companies "biomass co-generation") |

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| | <p>(tbc.) Prof. Dr. Kaltschmitt, Institute for Environmental technologies and Energy, technical University Hamburg (TUHH); Prof. Dr. Thomas Willner, Institute for Third Generation Bio-Fuels, Hamburg School of Applied Sciences (HAW); Prof. Dr. Paul Scherer, Institute for Biomass and Co-Generation Wood/Straw, (HAW).</p> <p>Examples for invited companies: CEBCON GmbH; ETH Umwelttechnik GmbH; GICON Großmann Ingenieur Consult GmbH; Spilling Energie Systeme GmbH; Vattenfall Europe New Energy GmbH – Division Heat Distribution and Sale; Averdung Ingenieurgesellschaft mbH and ENGIE Deutschland GmbH (both Heat-/Cooling-Water Piping Experts); Kraftanlagen Hamburg GmbH; P3 Energy & Storage GmbH; 8.2 Consulting AG; Pöyry Deutschland GmbH;.....</p> <p>Syddansk Universitet (https://www.sdu.dk), Denmark Solar heating plant (http://www.vojensfjernvarme.dk), Solar heating installations, Arcon SUNMARK (www.Arcon-Sunmark.com)</p> <p>Projekti i Klasterit Industrial për Energjinë e Ripërtrishtshme dhe Industrinë e përpunimit të metaleve (KIMERK); FIM nga UP, MTI, Bizneset Kosovare, Klasteri i Hamburgut dhe GIZ</p> <ul style="list-style-type: none">• 2017-Universiteti Politeknik i Tiranës Ligjërues në Lëndën: “Teknologjia Mekanike” për pjesën e përpunimit plastik të metaleve. Tema e ligjëratisë:<ul style="list-style-type: none">- Përdorimi i aluminit dhe lidhjeve të tij në industrinë automobilistike- Trendët bashkëkohore nga të cilat sot është i zhvilluar përpunimi plastik i metaleve- Përdorimi i TI në teknologjinë e përpunimit plastik të metaleve• 2017- Koordinator, implementues dhe bashkë lektor (Wolfgang Schmittner, Mirlind Bruçi, Ramë Likaj, Ahmet Shala, Jorgaq Kaçani)- WIND FARM PROJECT DEVELOPMENT IN EMERGING MARKETS-FROM INTERNATIONAL PRACTICE, UP-FIM/UPT/MTI/ GIZ/ Amperax, Prishtinë, 2017• 2017- Koordinator, implementues dhe bashkë lektor (Wolfgang Schmittner, Mirlind Bruçi, Ramë Likaj, Ahmet Shala, Jorgaq Kaçani)- KNOCKET OUT OR SOLAR, UP-FIM/UPT/MTI/ GIZ/ Amperax, Prishtinë, 2017• 2017- Koordinator, implementues dhe bashkë lektor (Wolfgang Schmittner, Jorgaq Kaçani , Mirlind Bruçi, Ramë Likaj, Ahmet Shala)- INDEPENDENCE FROM ELECTRICITY IMPORTS THROUGH NATURAL RENEWABLE GENERATED ENERGY FOR ALBANIA, UP-FIM/UPT/MTI/ GIZ/ Amperax, Tiranë, 2017• 2016- ALLED- Harmonizimi i kërkesave të tregut të punës me sistemin Arsimor, zhvillimi i standardit të profesionit dhe kualifikimit në nivelin 6 dhe 7 të KKK në fushën e Mekatronikës. Projekt i financuar nga Komisioni Evropian dhe Agjencioni Austriak për Zhvillim |
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| | <ul style="list-style-type: none"> • 2016- Dekorata nga Rektori i Universitetit Politeknik të Tiranës http://fim.uni-pr.edu/Lajmet/Informatë-%282%29.aspx • 2016-Universiteti Politeknik i Tiranës Ligjërues në Lëndën: “Teknologjia Mekanike” për pjesën e përpunimit plastik të metaleve. Tema e ligjëratës: - Trendet bashkëkohore drejt të cilave sot është e orientuar teknologjia e Përpunimit plastik të metaleve • 2011- Lecturer on “Introduction to Total Quality Management: The Services Quality Evaluation” ,Nigde University Summer School -"Statistical Methods for the Service Quality Measurement", June 20 to 25, 2011. • 2003 - “Institute für Handhabungsgeräte und Robotertechnik”- “Technische Universität Wien”, Austria. Three months Specialization in the field of “Computer Numerical Control (CNC)” • 1999 - “CIRE Institute”, Brussels, Belgium Certification - Four months Specialization in the field of management |
| POSITION HELD | <ul style="list-style-type: none"> • 2018-Scientific Committee, Polytechnic University of Tirana Faculty of Mechanical Engineering, 2 nd International Conference “ Engineering and Entrepreneurship” (ICEE 2019), Tirana, 2018 • 2018- Full Professor at the Department of Manufacturing and Automation Subjects: Metal Forming I, Metal Forming II, Industrial Engineering, Materials testing, MANAGEMENT INFORMATION SYSTEMS IN MANUFACTURING • 2017-Scientific Committee, Polytechnic University of Tirana Faculty of Mechanical Engineering, First International Conference “ Engineering and Entrepreneurship”, Tirana, 2017 • 2017-Pavarësimi energjetik i Fakulteteve Teknike, Koordinator i projektit: eMobility Event in Kosovo&Amperax; Hamburg, Amperax.de • 2017- Head of Program Industrial Engineering and Management • 2015-Head of Program Production and Automation • 2012- Associate Professor at the Department of Production and Automation Subjects: CIM. Quality Management ,Production system modeling, Processing technology, Measurement techniques • 2011-Scientific Committee-Nigde University, Summer School, Statistical Methods the Service Quality Measurement 20-25 June 2011 |

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| | <p>(http://yazokulu.nigde.edu.tr/en/?page_id=39)</p> <ul style="list-style-type: none"> • 2007-2011 – Assistant Professor at the Department of Production and Automation Subjects: CIM. Quality Management ,Production system modeling, Processing technology, Measurement techniques • 1999-2006 - Assistant at Department of Production Machinery Subjects: Metal forming, Auxiliary devices, Metal cutting machines, Measurement and control, Basics of automation, Machinery materials, Materials technology, Quality Management, CIM. • 2003-2004 – Assistant at SHLT Mitrovica Subjects: Auxiliary devices and Basics of Automation. • 2003-2006 - Lecturer, Faculty of Education, Prishtina Subjects: Basics of ICT, Databases, Computers I, Computers II, Network and WWW programming, Data security, Operating Systems. |
| UNIVERSITY BOOKS AND SCRIPTS | <ul style="list-style-type: none"> • Quality Management, Prishtina, 2007 • Data Security, Prishtina, 2007 • Computer Networks, Prishtina, 2008 • Metal forming I, Prishtina, 2011 • Metal forming II, Prishtina, 2011 • Forming machines, Prishtina, 2011 • CIM, 2018 • FLEXIBLE MANUFACTURING SYSTEM, 2018 • OPTIMISATION OF FLEXIBLE ASSEMBLY SYSTEMS FOR ELECTRICAL MOTORS, Chapter Part of the <u>IFIP Advances in Information and Communication Technology</u> book series (IFIPAICT, volume 397) https://www.springer.com/br/book/9783642403514 • OPTIMAL DESIGN AND ANALYSIS OF VEHICLE SUSPENSION SYSTEM (Co-authors: Likaj, R.;Shala, A.;Bajrami, Xh.), Chapter 07 in DAAAM International Scientific Book 2014, pp.087-108, B. Katalinic (Ed.), Published by DAAAM International, ISBN 978-3-901509-98-8, ISSN 1726-9687, Vienna, Austria www.daaam.info/Downloads/Pdfs/science_books_pdfs/2014/Sc_Book_2014-007.pdf • CIM (Monografi Shkencore), ISBN 978-9951-708-42-5, Fakulteti i i Inxhinierisë Mekanike, Prishtinë, 2018 • AUTOMATIZIMI I PROCESIT TEKNOLOGJIK TË FARK ËTIMIT DHE CIM (Monografi Shkencore), Vendimi 278/4-3 datë |

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| | <p>25/02/2018, Fakulteti i i Inxhinierisë Mekanike, Prishtinë, 2018</p> |
| PROFESSIONAL WORK | <ul style="list-style-type: none"> • 2012- Local Consultant on Managing The database Process - Institutional Development for Education Project, KOS-DEP, MEST • 2009 – X-CODE - Ministry of Foreign Affairs Dsektop Application enabling secure encrypted communication between diplomatic staff. Training of diplomatic staff on using email, file, and steganography encryption modules. Training of diplomatic staff on basics of encryption. • 2008 – GOV-DYN-Code - Office of the Prime Minister of Republic of Kosovo Software Ecrption system that supports two-way encryption, for encryptin and decrypting of various documents. • 2008 – Ministry of Trade and Industry Member of Council on Regulation and Monitoring of Kosovo Oil Sector • 2007- Invertory & Personnel Manager Software Application for management of Personnel and Inventory • 2007- Menaxhimi i depos Software Application for management of Warehouses |
| SCIENTIFIC WORK | <ul style="list-style-type: none"> • HULUMTIMI I MUNDËSISË PËR AUTOMATIZIMIN E DISA ELEMENTEVE TË PROCESIT PROJEKTUES DHE KONSTRUKTUES TË TEKNOLOGJISË SË FARKËTIMIT (Co-authors: I. Bordoniqi dhe A. Bunjaku), Makinaria – Revistë shkencore për teori dhe praktikë në makineri, Viti I, Nr. 1, Prishtina, 1997, pp 55-60. • SISTEMI PROGRAMUES PËR LLOGARITJEN AUTOMATIKE TË DISA PARAMETRAVE OPTIMAL TË PROCESIT TË FARKËTIMIT, (Co-authors: I. Bordoniqi dhe A. Bunjaku), Makinaria – Revistë shkencore për teori dhe praktikë në makineri, Viti II, Nr. 2, Prishtina, 1998, pp. 43-48. • LLOGARITJA AUTOMATIKE E FORMËS DHE DIMENSIONEVE OPTIMALE TË PJESËS FARKËTUESE TË BASHKËSISË SIPAS KRITEREVE TË BASHKËSISË EVROPIANE, “EUROFORGE”, (Co-authors: I. Bordoniqi, A. Bunjaku dhe A. Orana), Makinaria – Revistë shkencore për teori dhe praktikë në makineri, Viti III, Nr. 1, Prishtina, 2001, pp.51-58. • OPTIMALIZIMI I STATORIT TË ELEKTROMOTORIT, (Co-authors: Sh. Buza dhe K. Buza), Makinaria – Revistë shkencore për teori dhe praktikë në makineri, Viti IV, Nr. 1, |

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Prishtina, 2002, pp. 119-124.

- **OPTIMISATION OF FLEXIBLE ASSEMBLY SYSTEM FOR ELECTRICAL MOTORS USING OPTQUEST FOR ARENA**, (Co-authors: Bunjaku, A.; Stopper, M.; Stuja, K & Kubat, A), Annals of DAAAM for 2003 & Proceeding of the 14th International DAAAM Symposium, Vienna, Austria 2003 pp. 71-73.
- **A COCNCPT FOR SCHEDULING OF FLEXIBLE ASSEMBLY SYSTEM FOR ELECTRICAL MOTORS**, (Co-authors: Stuja, K.; Stopper, M.; Bunjaku, A.) DAAAM International Scientific Book 2003, Vienna, Austria 2003 pp.591-598.
- **KRAHASIMI I METODËS TRANSITIVE ME METODËN E VAJN-KARNOS PËR SINTEZËN E AUTOMATEVE DIGJITALE SEKUENCIALE ASINKRONE STOKASTIKE**, (Co-authors: Shabani, Sh.; Bunjaku, A.; Likaj, R.) SHIMK – Simpoziumi i I “gjendja dhe perspektiva e Inxhinierisë Mekanike” 20-21 May 2004, Prishtina.
- **PROBLEMI I TRANSPORTIT NË PROJEKTIMIN E SISTEMEVE PRODHUESE**, IASH, Tirana, Albania, September 2008.
- **METODAT E PROJEKTIMIT TË SISTEMEVE TË KUALITETIT TË MBËSHTETURA NË METODAT E ZHVILLUARA TË SISTEMEVE CIM**, (Co-authors: Bunjaku, A.; Likaj, R.; Balaj, D.) konferenca e pare e infrastructures së cilësisë, tiranë 2009, pp 82-86
- **KONSTRUKTIMI DHE PËRPUNIMI I MBAJTËSIT TE VEGLAVE**, (Co-authors: Likaj, R.; Buza, Sh.; Veselaj, B.) Konferenca e pare e infrastructures së cilësisë, Tirana, 2009, pp.77-82
- **THE PROBLEM OF TRANSPORT IN DESIGNING THE PRODUCTION SYSTEMS**, (Co-authors: Likaj, R.; Shala, A.; Shala, K.) MITIP 2009, 15-16 October, Bergamo, Italy, 2009.
- **ANALIZA DHE DIZAJNIMI I SISTEMIT TË VARJES PËR GJYSMËN ANËSORE TË AUTOMJETIT ME DY SHLL**, (Co-authors: Likaj, R.; Shala, A.; Qelaj M.) Java e Shkencës 2011, Prishtina.
- **ELEMINATION OF THE CONTRADICTING STATES OF DETERMINED ASYNCHRONOUS SEQUENTIAL MACHINES BY MATRIX METHOD**”, (Co-authors: Shabani.Sh;Pajaziti.A;Shabani.) Journal of Institute Alb-Shkenca, (2011), pp.474-479
- **OPTIMISATION OF FLEXIBLE ASSEMBLY SYSTEMS FOR ELECTRICAL MOTORS** (Co-authors: Likaj, R.;Kaçani, J.) APMS 2012 International Conference Advances in Production Management Systems, Rhodes island-Greece, IFIP Advances in Information and Communication Technology, ISSN: 1868-4238 Springer-Verlag Berlin Heidelberg 2013, pp.474-483.
<https://www.scopus.com/authid/detail.uri?authorId=55885151000>

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- **SYNTHESIS OF CAM MECHANISM BASED ON GIVEN PROGRAM** (Co-authors: Shala, A.; Likaj, R.) -15th Workshop on International Stability, Technology, and Culture. The International Federation of Automatic Control, June 6-8, 2013. Prishtina, Kosovo. Original Research Article, IFAC Proceedings Volumes, Volume 46, Issue 8, 2013, pp. 60-63.
- **TOOL LIFE PREDICTION OF TUNGSTEN CARBIDE CUTTING TOOLS IN TURNING PROCESS** (Co-authors: Qehaja.N; Zeqiri, H.;Salihu, A.;Xhela,A) International Conferences on Innovative Technologies Leiria, Portugal 2014
- **PROPULSION EFFECT ANALYSIS OF 3D ROBOT MANIPULATOR UNDER GRAVITY**, (Co-authors: Shala, A.; Likaj, R.), International Journal of Current Engineering and Technology,(2013), pp.850-855.
- **APPLICATION OF GRAPH THEORY TO FIND OPTIMAL PATHS FOR THE TRANSPORTATION PROBLEM**, (Co-authors: Shala, A.; Likaj, R.), International Journal of Current Engineering and Technology,(2013), pp.1099-1103.
- **MODELING OF THE SURFACE ROUGHNESS IN THE DRY TURNING BASED ON ANALYSIS OF MACHINING PARAMETERS** (Co-authors: Qehaj.N, Zeqiri,H.; Salihu, A.; Gara, L.), International Conference on Innovative Technologies, IN-Tech 2013, Budapest, pp. 305-308
- **OPTIMAL DESIGN AND ANALYSIS OF VEHICLE SUSPENSION SYSTEM**
(Co-authors: Likaj, R.;Shala, A.;Bajrami, Xh.), Chapter 07 in DAAAM International Scientific Book 2014, pp.087-108, B. Katalinic (Ed.), Published by DAAAM International, ISBN 978-3-901509-98-8, ISSN 1726-9687, Vienna, Austria
<https://www.scopus.com/authid/detail.uri?authorId=55885151000>
- **PROPULSION EFFECT ANALYSIS OF 3DOF ROBOT UNDER GRAVITY** (Co-authors: Likaj, R.;Shala, A.;Bajrami, Xh.) 25th DAAAM International Symposium on Intelligent Manufacturing and Automation, DAAAM 2014, Vienna, Austria, Procedia Engineering, Volume 100, 2015, Pp 206-212, Published by Elsevier Ltd 2015.
<https://www.scopus.com/authid/detail.uri?authorId=55885151000>
- **EFFECT OF MACHINING PARAMETERS AND MACHINING TIME ON SURFACE ROUGHNESS IN DRY TURNING PROCESS** (Co-authors: Qehaja, N.;Jakupi, K.;Bunjaku, B.;Osmani,H.) 25th DAAAM International Symposium on Intelligent Manufacturing and Automation, DAAAM 2014, Vienna, Austria, Published by Elsevier Ltd 2015.
<https://www.scopus.com/authid/detail.uri?authorId=55885151000>
- **MATHEMATICAL MODELLING OF SURFACE ROUGHNESS FOR EVALUATING THE EFFECTS OF CUTTING PARAMETERS IN DRILLING PROCESS** (Zhujani, F., Qehaja, N., Abdullahu, F), Proceedings of the 27th DAAAM International Symposium, Published by DAAAM International, ISBN 978-3-902734-08-2, ISSN 1726-9679, Vienna, Austria 2016
<https://www.scopus.com/authid/detail.uri?authorId=56560157700>

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- **MATHEMATICAL MODELLING OF SURFACE ROUGHNESS THROUGH MACHINING PARAMETERS AND MACHINING TIME DURING THE DRY MILLING PROCESS** (Qehaja, N., Doçi, I., Jakupi, K., Zhujani, F.), Proceedings of the 27th DAAAM International Symposium, Published by DAAAM International, ISBN 978-3-902734-08-2, ISSN 1726-9679, Vienna, Austria 2016
<https://www.scopus.com/authid/detail.uri?authorId=56560157700>
- **“LIGHTWEIGHT 4 -AXIS SCARA ROBOT FOR EDUCATION AND RESERACH”** (Co-authors: Stuja, K.;Markl, E.;Aburaia, M.), Proceedings of the 27th DAAAM International Symposium, Published by DAAAM International, ISBN 978-3-902734-08-2, ISSN 1726-9679, Vienna, Austria 2016
<https://www.scopus.com/authid/detail.uri?authorId=55885151000>
- **OPTIMAL DESIGN AND ANALYSIS OF QUARTER VEHICLE SUSPENSION SYSTEM BY USING MATLAB** (Co-authors: Likaj, R.;Shala, A.;Bajrami, Xh.), Proceedings of the 27th DAAAM International Symposium, Published by DAAAM International, ISBN 978-3-902734-08-2, ISSN 1726-9679, Vienna, Austria 2016
<https://www.scopus.com/authid/detail.uri?authorId=55885151000>
- **Dynamic Analysis And Motion Control Of Hydraulic Crane For Men Lifting Using Modeling And Simulations** (Co-authors: Doçi, I.;Qehaja, N), Proceedings of the 27th DAAAM International Symposium, Published by DAAAM International, ISBN 978-3-902734-08-2, ISSN 1726-9679, Vienna, Austria 2016
<https://www.scopus.com/authid/detail.uri?authorId=55885151000>
- **REGRESSION MATHEMATICAL MODEL APPLICATION BY “R” SOFTWARE IN DETERMINATION OF VEHICLE VELOCITY FOR TRUCK DEPEND ON THROW PEDESTRIAN DISTANCE,** (Co-authors: Hoxha, G;Likaj, R) “3rd INTERNATIONAL CONFERENCE ON ADVANCES IN MECHANICAL ENGINEERING” from 19 – 21 December 2017, Istanbul, Turkey
- **ROAD FRICTION IMPACT IN TECHNICAL PROCESS OF VEHICLE-PEDESTRIAN CRASH AND PEDESTRIAN THROWING** (Co-authors: Hoxha, G;Likaj, R) “3rd INTERNATIONAL CONFERENCE ON ADVANCES IN MECHANICAL ENGINEERING” from 19 – 21 December 2017, Istanbul, Turkey
- **AUTOMATIC DESIGN OF TECHNOLOGICAL PROCESS OF FORGING** (Co-authors: Likaj, R.;Shala; Qehaja, N), International Journal of Mechanical Engineering and Technology, 2017, Vol : 8, Issue: 9, pp. 473-477.
<https://www.scopus.com/authid/detail.uri?authorId=55885151000>
- **MODELLING, SIMULATION AND THE AUTOMATION OF A PRODUCTION WAREHOUSE AS A KEY COMPONENT IN CIM SYSTEMS** (Co-author: Likaj, R), International Journal of Mechanical Engineering and Technology, Vol: 8, Issue : 9, pp. 432-441. 2017
<https://www.scopus.com/authid/detail.uri?authorId=55885151000>

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- **SIMULATION OF VERTICAL QUARTER CAR MODEL WITH ONE AND TWO DOFS**
(Co-authors: Likaj, R.; Shala, A), INTERNATIONAL SCIENTIFIC JOURNAL MACHINES. TECHNOLOGIES. MATERIALS ISSN PRINT 1313-0226, ISSN WEB 1314-507X, YEAR XI, ISSUE 6, pp. 261-263, 2017
<http://stumejournals.com/mtm/Archive/2017/9-2017.pdf>
- **PRODUCTION SYSTEMS SAFETY, MODELLING, SIMULATION AND THE POSSIBILITY OF AUTOMATION OF A PRODUCTION WAREHOUSE AS A KEY COMPONENT IN CIM SYSTEMS SYSTEMS** (Co-author: Likaj, R), International Scientific Journal Industry 4.0, Year II ISSUE 3/2017, pp.143-146
<http://stumejournals.com/i4/2017/3-2017.pdf>
- **MATERIAL DEFORMATION ANALYSIS IN BRIDGE CRANE DURING TRAVEL MOTION WITH FULL LOADING**, (Co-authors: Doçi, I; Kyqyku, A.; Morina, B), International Journal for Science, technics and Innovations for the Industry, Year I, ISSUE 4(4) Vol.IV, pp. 338-341
<http://stumejournals.com/mtm/Archive/2017/8-2017.pdf>
- **PROPOSED ROBOT SCHEME WITH 5 DOF AND DYNAMIC MODELLING USING MAPLE SOFTWARE** (Co-author: Shala, A), Strojnicky casopis – Journal of Mechanical Engineering, 67 (2), 101-108, 2017
<https://www.degruyter.com/downloadpdf/j/scjme.2017.67.issue-2/scjme-2017-0023/scjme-2017-0023.pdf>
- **KINETOSTATIC ANALYSIS OF SIX-BAR MECHANISM USING VECTOR LOOPS AND THE VERIFICATION OF RESULTS USING WORKING MODEL 2D CONTROLLER** (Co-author: Shala, A), International Journal of Mechanical Engineering and Technology, 8 (8), 1109-1117, 2017
<https://www.scopus.com/authid/detail.uri?authorId=55885151000>
- **TRAJECTORY TRACKING OF MOBILE ROBOT USING DESIGNED OPTIMAL CONTROLLER** (Co-author: Shala, A), International Journal of Mechanical Engineering and Technology, 8 (8), 649-658, 2017
<https://www.scopus.com/authid/detail.uri?authorId=55885151000>
- **MODELLING OF THE BIPED ROBOT USING MAPLE SOFTWARE** (Co-authors: Shala, A; Bajrami, Xh), Journal Applied Technologies and Innovations, 13 (1), 12-20, 2017
https://academicpublishingplatforms.com/downloads/pdfs/ati/volu me21/201710072343_02_ATI_Vol13_Issue1_2017_Shala_and_Bruqi_Modelling_of_biped_robot_using_Maple_software_pp.12-20.pdf
- **PROPULSION EFFECT ANALYSIS OF 3DOF ROBOT UNDER GRAVITY** (Co-authors: Shala, A; Likaj, R; Bajrami, Xh), Journal Proceedia Engineering, 100, 206-212, 2015
<https://www.sciencedirect.com/science/article/pii/S1877705815003860>
<https://www.scopus.com/authid/detail.uri?authorId=55885151000>
- **DESIGN AND OPTIMISATION OF 2DOF VEHICLE SUSPENSION SYSTEM** (Co-authors: Likaj, R.; Qela,

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| | <p>M), International Scientific Journal Trans MotAuto World , YEAR II, ISSUE 6, pp. 227-229. 2017. http://stumejournals.com/mtm/Archive/2017/9-2017.pdf</p> <ul style="list-style-type: none">• "Approaches To Teaching And Links To The Work Place Of Vet Teachers In Kosovo"; (Co-authors Ramë Likaj, Arbnor Pajaziti), 2nd International Conference: "Engineering and Entrepreneurship", (ICEE 2019), Tirana, Albania, 10,11 Oct 2019 https://www.upt.al/bashkepunime/aktivitete/910-2nd-international-conference-engineering-and-entrepreneurship-icee-2019-tirana-albania-10-11-oct-2019 |
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