

Universitatea Națională de Știință și Tehnologie POLITEHNICA București
Facultatea: Inginerie Industrială și Robotică
Departamentul: Tehnologia Construcțiilor de Mașini
Nume Prenume: SPÂNU Paulina
Gradul didactic: Conferențiar universitar

LISTA DE LUCRĂRI

10 Lucrări științifice relevante

1. **Paulina SPÂNU***, Bogdan Felician ABAZA, Teodor Catalin CONSTANTINESCU, Analysis and Prediction of Temperature Using an Artificial Neural Network Model for Milling Glass Fiber Reinforced Polymer Composites, *Polymers*, 16, WOS:001376159800001, Q1, FI = 4.7, 2024
2. **Paulina SPÂNU**, Mihaela-Elena ULMEANU, Cristian-Vasile DOICIN, Academic Third Mission through Community Engagement: An Empirical Study in European Universities, *Journals Education Sciences*. Volume 14, WOS:001170336300001, Q1, FI = 2.5, 2024
3. Mihaela ULMEANU , Cristian DOICIN, **Paulina SPÂNU**, Comparative Evaluation of Sustainable Framework in STEM Intensive Programs for Secondary and Tertiary Education, *Sustainability*, vol 13 WOS:000611743500001, Q2, FI = 3.3, 2021
4. **Paulina SPANU***, Cristian-Vasile DOICIN, Mihaela-Elena ULMEANU, Florin BACIU, Analyzing the Tensile Strength of Carbon Fiber-Reinforced Epoxy Composites Using LabVIEW Virtual Instrument, *Mater. Plast.*, 61 (1), WOS:0011984442000052024, FI = 0.6, 2024
5. **Paulina SPANU***, Bogdan Felician ABAZA, Tensile Strength Prediction of Fiberglass Polymer Composites Using Artificial Neural Network Model, *Mater. Plast.*, 59 (2), WOS:000865452800005, FI = 0.6, 2022,
6. Bogdan Felician ABAZA, **Paulina SPÂNU***, Bogdan Alexandru JUGRAVU, Dragos Alexandru Apostol, Study on Compressive Properties of Recycling PETs and CANs for Designing a Smart Waste Management Compactor, *Mater. Plast.*, 58 (3), WOS:000705010100003, FI = 0.6, 2021
7. **Paulina SPANU***, Catalin Gheorghe AMZA, Bogdan Felician ABAZA, Study Redarding the Compressive Properties of Glass Fiber Reinforced Composites, *Materiale plastice*, 55, nr. 4. WOS:000454987400025, FI = 0.6, 2018
8. Tom SAVU., Bogdan ABAZA., **Paulina SPÂNU**, Artificial intelligence based system for the real-time control of polymerization processes, *Revista MATERIALE PLASTICE*, vol. 51, nr. 3/2014, WOS:000344723900028, FI=0,778,
9. Cătălin IONESCU, **Paulina SPÂNU**, Aurelian VIȘAN, Reducing Products Costs by Prescribing Geometric Precision based on Size - Dependent Tolerances, 28th International Business Information Management Association Conference (28th IBIMA) on “Vision 2020: Innovation Management, Development Sustainability, and Competitive Economic Growth” - (ISBN: 978-0-9860419-8-3). 2016, pag. 949-991, WOS:000392785700096
10. Nicolae IONESCU, Mihaela ULMEANU, **Paulina SPÂNU**, WEEE Recycling – Passport and ideality based methodology, *New Technologies and Products in Machine Manufacturing Technologies*, no. 24, 2017, ISSN-1224029X, 2017, pag. 122- 125, Conferință, Indexată BDI: TEHNOMUS



TEZA DE DOCTORAT

T.1. Paulina SPÂNU - *“Contribuții privind studiul prelucrabilității prin frezare a materialelor compozite cu matrice polimerică”*, Diploma de DOCTOR în domeniul Inginerie Industrială, Seria G, Nr. 0000025, aprobată în baza Ordinului Ministrului Educației, Cercetării și Inovării nr. 3658 din 10.04.2009

I. CĂRȚI PUBLICATE

Ca – Cărți / cursuri (manuale) pentru uzul studenților, publicate în edituri recunoscute.

Ca1. Andrea MARCONI, Anita MONTAGNA, **Paulina SPÂNU**, Elena Mihaela ULMEANU, Vasile Cristian DOICIN, Erika VAIGINIENÉ, John BETHANIS, Nikolaos KOKOSIS. Academic civic commitment through Public Engagement in the Third Mission. Egregius Editorial, Seville 2023 .ISBN: 978-84-1177-035-4, 168 pagini, 2023

Ca2. Mihaela-Elena ULMEANU, Cristian Vasile DOICIN, **Paulina SPÂNU**, Capitol ”Robotics in STEM education” paginile 9-33, 25 pagini, 327 pagini, 2023 Editori: Barradas, R., Lencastre, J. A., Bento, M., Soares, S., & Valente, A. Robots in Action, Published by Research Centre on Education, Instituto of Education, University of Minho, Braga, Portugal. ISBN 978-989-8525-78-9,

Ca3. Editori: José Alberto LENCASTRE, **Paulina SPÂNU**, Gülden İLİN, Panos MILIOS, Marco BENTO, Mobile Robotics, Printed in Istanbul, Turkey at Öz Karacan Printers and Binders, Güneşli, Bağcılar, İstanbul, ISBN : 978-605-70651-1-7, 199 pagini, 2022 **Capitol** Mihaela-Elena ULMEANU, **Paulina SPÂNU**, Cristian-Vasile DOICIN, Teaching robotics for hybrid education: current and future landscape , paginile 119-141, 21 pagini,

Ca4. Amza C. Bjornsdottir A., Borg J. Codau C, Eyporsdottir A, Mamo J. Muresan P., **Paulina SPÂNU**, Introduction to Industry 4.0 and digital manufacturing, editura Printech, pg. 167 , Capitole 3 (pag 29-58) singur autor, 4 doi autori (pag 59 -86), 6 doi autori (pag 103 -123), 2019

Ca5. Paulina SPÂNU, Luminița GEORGESCU, Materiale compozite polimerice; Editura PRINTECH, ISBN 978-606-521-280-0; 123 pagini., 2009

Cb - Cărți de specialitate publicate în edituri recunoscute

Cb6. Mihaela ULMEANU, **Paulina SPANU**, Capitol Gamification in Higher Education Technical Disciplines, pg. 111 – 129 **Editori:** José Alberto LENCASTRE, **Paulina SPÂNU**, Gülden İLİN, Panos MILIOS, Marco BENTO, Gaming in Action, Printed in Istanbul, Turkey at Öz Karacan Printers and Binders, Güneşli, Bağcılar, İstanbul, ISBN : 978-605-70651-0-0, 260 pagini, 2021

Cb7. Paulina SPÂNU, Jose Alberto LANCASTRE, Marco BENTO, Gulden ILIN, Panos MILIOS, Book with apps and pedagogical practices using game-based learning and gamification in innovative pedagogical scenarios, Editura PRINTECH, ISBN 978-606-23-1263-3, 72 pagini, 2021

Cb8. Catalin Gheorghe AMZA; Doru CANTEMIR; Ioana CANTEMIR; Giulia SALUCCI; **Paulina SPANU**, Paweł POTERUCHA; Francesco TARANTINO; Mike TRIANTAFILLOU; Eirini ZIGNA. Guidelines on the use of drones in VET, Publishing house: Danmar Computers LLC, ISBN 978-83-950622-0-9, 25 pagini, 2019

Cb9. Judit ABAD, Anna ANDRICOPOLOUS, Ella BUJOK, Giulio IANIS, Cetin ILIN, Panous KOUTOUDIS, Andreea MARCONI, Siboah NEARY, Angeliki PANAGIOTIDOU, Vassilis PATASOURATIS, **Paulina SPÂNU** , „Improving career management skills, Models, practices and guidance resources”, Editor **Paulina SPÂNU** Derby University, U.K, 2017, ISBN 978-1-910755-24-2, 115 pagini, 2017.

Cb10. Cătălin AMZA, Teodora CHICIOREANU, Gabriel TAȘCĂ, **Paulina SPÂNU**, Horia PETRESCU, „Operator introducere, validare și prelucrare date” Editura PRINTECH (cod CNCISIS 54), 2014, ISBN 978-606-23-0288-7; 420 pagini.

Cb11. Tom SAVU, Andrei DUMITRESCU, **Paulina SPANU** si alții „De la didactica la e-Didactică, paradigme, modele și tehnici în e-learning, Editura RBA, ISBN 978-606-92463-1-3, 412 pag. Capitolul E-learning în Romania pag 343-361, 2010

Cb12. **Paulina SPANU** Capitol - Învățarea prin servicii în era pregătirii digitale , Pixartprinting, Italia, 2024 ISBN: 978-84-09-59573-0, 2024" pg.71-83

II. ALTE MATERIALE PUBLICATE (I,D)

I - Culegeri și îndrumare publicate (separate în edituri cu ISBN și în tipografiile locale sau de uz intern).

I1. **Paulina SPÂNU**, „Programarea Calculatoarelor, Îndrumar de proiectare bilingv (Român – Englez) ” Editura PRINTECH, (cod CNCISIS 54), ISBN 978-606-23-1383-8,. 134 pagini 2022

I2. **Paulina SPÂNU**, Tom SAVU, Bogdan ABAZA, „Îndrumar de laborator bilingv (Român – Englez) Programarea Calculatoarelor ” Editura PRINTECH, (cod CNCISIS 54), ISBN 978-606-23-0819-3, 330 pagini, 2018

I3. Bogdan ABAZA, Tom SAVU, **Paulina SPÂNU**, „Îndrumar de laborator – Algoritmi” Editura PRINTECH, (cod CNCISIS 54), ISBN 978-606-23-0229-0, 113 pagini, 2014

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III. ARTICOLE / STUDII IN EXTENSO PUBLICATE (R,V)

Ris- Reviste de specialitate de circulație internațională recunoscute (cotate / indexate ISI Thomson Reuters, sau indexate în alte Baze de Date Internaționale - BDI specifice domeniului, care fac un proces de selecție a revistelor pe baza unor criterii de performanță). Se menționează la fiecare lucrare includerea în Baza ISI [Accession Number, WOS=....., ultimul Factor Impact, ISSN] și/sau denumirea altei (altor) BDI.

Ris1. **Paulina SPÂNU***, Bogdan Felician ABAZA, Teodor Catalin CONSTANTINESCU, Analysis and Prediction of Temperature Using an Artificial Neural Network Model for Milling Glass Fiber Reinforced Polymer Composites, Polymers, 16, x. <https://doi.org/10.3390/xxxxx>, 2024 " WOS:001376159800001", Q1FI = 4.7

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Ris10. Mihaela ILIESCU, Luigi VLADAREANU, **Paulina SPÂNU**, „*Modelling and Controlling of Machining Forces when Milling Polymeric Composites*”, Revista MATERIALE PLASTICE, vol. 47, nr. 2/ 2010, Ultimul factor de impact 0,778, pag. 231-235 , ISSN: 0025-5289, WOS:000281051300022

Vis- Volumele unor manifestări științifice internaționale recunoscute, organizate în țară și străinătate, indexate ISI Thomson Reuters sau indexate în alte Baze de Date Internationale - BDI specifice domeniului, care fac un proces de selecție a publicațiilor pe baza unor criterii de performanță. Se menționează la fiecare lucrare includerea în Baza ISI [ISI Proceedings, Accession Number, WOS=....., ISSN] și/sau denumirea altei (altor) BDI.

Vis1 Constantin RADU, **Paulina SPÂNU**, Ana-Maria Bogatu, Finite element modeling of ultrasonic energy concentrators used in mechanical processing, MTeM 2023 International Conference. Acta tehnica napocensis series-applied mathematics mechanics and engineering Journal, 2023, WOS:001328942700025



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Vis4. Nicolae IONESCU, Mihaela ULMEANU, Cristian DOICIN, Catalin IONESCU, **Paulina SPÂNU**, Prescribed precision for medical products obtained with additive manufacturing technologies "ICAMaT 2022, 12th International Conference on Advanced Manufacturing Technologies, 2022, doi:10.1088/1757 899X/1268/1/012004

Vis5. **Paulina SPÂNU**, Teodora Daniela CHICIOREANU, Students' perspective. The main factors that contribute to students' dropouts, The 16th International Scientific Conference eLearning and Software for Education Bucharest, April 23-24, Volume 2, DOI:10.12753/2066-026X-20-155, 2020 BDI: SCOPUS

Vis6. **Paulina SPÂNU**, Jose Alberto LENCASTRE, Marco BENTO, Gulden ILIN and Panos MILIOS, Game-Based Learning and Gamification – Case Study ``Covering all the Information the Partnership Gained from the Project`` Volume 2021 (16), Article ID 3714221, Innovations in Digital Learning Environments – Challenges and Best Practices: 37eLEARN 2021BDI: WorldCat, Google Scholar, Scilit, OpenAlex, Scientific Information System of The Jacob of Paradies University, ZENODO <https://zenodo.org/records/10255464>

Vis7. **Paulina SPÂNU**, Mihaela ULMEANU and Cristian DOICIN, Expectations of Students to Improve their Academic Performance – Case Study 36th IBIMA Conference: 4-5 November 2020, Granada, Spain, 2020 BDI: ZENODO, Google Scholar <https://zenodo.org/records/10254883>

Vis8. Dan-Alexandru BEJENARU, Mihaela-Elena ULMEANU, Cristian-Vasile DOICIN, **Paulina SPÂNU**, Nicolae TUNSOIU, Pilot Course for Sustainable Development of E-Learning Tools 36th IBIMA Conference: 4-5 November 2020, Granada, Spain, 2020, BDI: ZENODO, Google Scholar <https://zenodo.org/records/13254153>

Vis9. Bogdan Felician ABAZA, Bogdan Alexandru JUGRAVU and **Paulina SPÂNU**, Smart Waste Management Application for Pet Bottle Compactor 36th IBIMA Conference: 4-5 November 2020, Granada, Spain, 2020 BDI: ZENODO, Google Scholar <https://zenodo.org/records/13254336>

Vis10. Mihaela-Elena ULMEANU, Cristian-Vasile DOICIN, **Paulina SPÂNU**, Vlad GHEORGHITĂ and Vlad ENACHE, Project Planning for the Development Of An E-Learning Interactive Educational Platform In Industrial Engineering-Based Applications 36th IBIMA Conference: 4-5 November 2020, Granada, Spain, 2020 BDI: ZENODO, Google Scholar <https://zenodo.org/records/13380124>

Vis11. Simona COSTACHE, Mihaela-Elena ULMEANU, Cristian-Vasile DOICIN and **Paulina SPÂNU**, Project Management of a Research Internship in Medical Applications 36th, IBIMA Conference: 4-5 November 2020, Granada, Spain, 2020 BDI: ZENODO, Google Scholar <https://zenodo.org/records/13380238>

Vis12. Alexandra - Cristina SPÂNU, Maria-Iuliana DASCALU, **Paulina SPÂNU** and Iulia Cristina STANICA, A Sentiment Analysis Case Study: Socializing about Social Distancing, 36th IBIMA Conference: 4-5 November 2020, Granada, Spain, 2020, BDI: ZENODO, Google Scholar <https://zenodo.org/records/13380356>



Vis13. Paulina SPÂNU, Gabriel JIGA, Mihai RĂDULESCU, *LabVIEW Application for the Strength Calculus of an Unhomogeneous Beam*, 29th International Business Information Management Association Conference, pag. 4024-4034, ISBN: 978-0-9860419-7-6, 2017,

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Vis14. Nicolae CONSTANTIN, Marin SANDU, Adriana SANDU, **Paulina SPÂNU**, Dorin ROȘU, Cătălin ENESCU, *Study upon the Damage Tolerance of Thick Sandwich Materials*, Material and Manufacturing Technology VIII, Solid State Phenomena, ISSN: 1662-9779, Vol. 266, pag 287-291, 2017 BDI: Scientific.net , SCOPUS <https://doi.org/10.4028/www.scientific.net/SSP.266.287>

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Vis19. Paulina SPANU, Bogdan ABAZA, Daniel CAZACU, *Technological Process Design for the Flanged Parts Using a LabVIEW Application*, Advanced Technologies in Designing and Progressive Development of Manufacturing Systems, ICAMAT 2014, 23-24th October 2014, Bucharest, Romania, Journal Applied Mechanics and Materials, Vol. 760 (2015), pp. 81-86 , Editor Savu T. et. al., Publisher Trans Tech Publications, Switzerland, ISBN 978-3-03835-443-7, BDI: Scientific.net <https://doi.org/10.4028/www.scientific.net/AMM.760.81>

Vis20. Paulina SPÂNU, Tom SAVU, Bogdan ABAZA, Daniel CAZACU, *Mathematical Simulation of the Results of Temperature Measurements at the Machining of the Polymeric Composites Materials*, Advances in Production, Automation and Transportation Systems, Brasov 2013, WSEAS, pag. 94-99, ISBN 978-1-61804-193-7, BDI: ZENODO <https://zenodo.org/record/1255113#.Ww1vpPZuLIV>

Vis21. Tom SAVU, Bogdan ABAZA, **Paulina SPÂNU**, Daniel CAZACU, *Product’s Structure Representation and Activities Simulation in a Manufacturing System Simulation Framework*, Advances in Production, Automation and Transportation Systems, Brasov 2013, WSEAS, pag. 113-118,, ISBN 978-1-61804-193-7,BDI: ZENODO

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Vis23. **Paulina SPÂNU**, Luminița GEORGESCU, Cristina MOHORA, Gabriel JIGA, *Determination of the Punching Forces by LabView software Applications*, Proceedings of the 21st International DAAAM Symposium "Intelligent Manufacturing & Automation" Zadar, Croatia, 20-23rd October 2010, , pag. 463-464, ISBN: 978-3-901509-73-5, ISSN: 1726-9679 Editor Katalinic B., Publisher DAAAM International BDI: SCOPUS

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Vi25. **Paulina SPÂNU**, *A Case Study Regarding the Career Management Skills in the Romanian Context*, 30th International Business Information Management Association Conference - IBIMA, ISBN: 978-0-9860419-9-0, 2017, pag. 194 - 201 WOS:000443640500020

Vi26. Ionuț GHIONEA, Aurelian VIȘAN, **Paulina SPÂNU**, Cătălin IONESCU, *Application for Human Resource Training and Cost Reduction by Prescribing Product Precision Based On Size Dependent Geometric Tolerances*, 30th International Business Information Management Association Conference – IBIMA, ISBN: 978-0-9860419-9-0, 2017, pag. 966 -973 WOS:000443640500095

Vis.27. Mihaiela ILIESCU, **Paulina SPÂNU**, Magdalena ROȘU, Bogdan COMĂNESCU, „*Simulation of Cylindrical-Face Milling and Modeling of Resulting Surface Roughness when Machining Polymeric Composites*” Proceedings of the 11th WSEAS International Conference on Automatic Control, Modelling and Simulation (ACMOS '09) Istanbul, Turkey, May 30 - June 1, 2009, ISBN: 978-960-474-082-6, ISSN:1790-5117, pag. 219-224, WOS:000271276800031

IV. BREVETE DE INVENȚIE / INOVAȚII (B,A)

B1. Brevet de invenție nr. 122665: „FOLIE POLIMERICA MULTISTRAT FOTOSELECTIVA PENTRU ACOPERIRE DE SOLARII S TUNELE”; Inventatori OPRAN Constantin, GROSU Elena, RISTICI Eufrosina, ILIESCU Mihaiela, NEMES Eleonora, DONTU Ionela, **SPÂNU Paulina**, PETRESCU Teodor, CIOFU Ruxandra, Eliberat la data de 30.11.2009

V. CONTRACTE ȘI RAPOARTE ȘTIINȚIFICE (P,F)

P - Proiecte de cercetare-dezvoltare-inovare obținute prin competiție, pe bază de contract/grant, in tara/străinătate (Pn – naționale, Pi - internaționale).



DIRECTOR PROIECT

Pi1. Proiect “Cercetări privind realizarea și implementarea unor aplicații software pentru dezvoltarea și implementare instrumentelor e-learning și prelucrarea statistică a datelor” Nr. 1/2018 - Contract cu mediul economic între Universitatea Politehnică din București – Centrul de Tehnologii Avansate și ECAP Foundation, Switzerland. 2018-2019, Buget UPB 6636,63 EUR (30941,96 LEI)

Pn2. Proiect Cercetări privind realizarea sistemelor de monitorizarea marimilor electrice” ctr. Nr. 1/25.10.2021 - Contract cu mediul economic 2021- 2022, Buget UPB 26000 Ron (5256eur)
Exchange rate (InforEuro) (europa.eu)

RESPONSABIL PROIECT

Pi3. Enhancing Career and Service Learning in Higher Education ENHANCE, 2021-1-ES01-KA220-HED-000031128 - Erasmus+

Pi4. ACADEMIC THIRD MISSION: comunitY Engagement for a kNowledge bAsed soCieTY (TENACITY), 2021-1-IT02-KA220-HED-000032042, Erasmus+

Pi5. Virtual & Augmented Reality Trainers Toolbox TO Foster Low Carbon Tourism & Related Entrepreneurship” – VINCI 2021-1-MT01-KA220-VET-000025011 Erasmus+

Pi6. E-Learning Course on Mobile Robotics for Adult Education : the fourth Industrial Revolution” 2019-1-TR01-KA204-074485, Erasmus+

Pi7. “Future Competences pathways for marketing and ICT education– FUSEIT” 2019-1-LT01-KA203-060730 Erasmus+

Pi8. Proiect Drone Tehnology training to boost EU entrepreneurship and Industry 4.0. 2017-1-RO01-KA202-037083, 2017-2019 Erasmus+

Pi9. Proiect Learning And Decision making Resources 2014-1-IT02-KA200-004105 LEADER, Proiecte de parteneriat strategic pentru învățământ superior , Erasmus+

Pi10 Proiect INDEX - Industrial Expert, 2018-1-DE02-KA202-005228,

Pi11. Proiect Gaming in action - Engaging Adult Learners with Games and Gamification 2018-1-TR01-KA204-059315

Pi12. Proiect E-tutoring: tools and web resources for study and career management 2018-1-IT02-KA203-048005 ,

Pi13. High Intelligent Tutoring System for the academic success (HITS) 023-1-IT02-KA220-HED-000152340 Erasmus+

MEMBRU ÎN ECHIPĂ

Pi14. FLOWS - Further Learning, Outreach and Working Skills, Project n° 2022-1-TR01-KA220-YOU-000089240

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Pi16. EuropeAn 3d printinG poLymer opErators (EAGLE) 2021-1-CZ01-KA220-VET-000033007

Pi17. Connecting ICT solutions with circular food to lay a path for sustainability (CE4FOOD) 020-1-RO01-KA202-080164

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- Pi19** “Enabling Industry 4.0 Skills in Textile SMEs (TEX4.0) 2023-1-DE02-KA220 000154009 - Erasmus+”
- Pi20.** Young Migrant Entrepreneurs 2018-3-TR01-KA205-061624 2018-3-TR01-KA205-061624 Erasmus+
- Pi21** A Digital Trainers Toolbox To Help Crane Operators Update Their Skills for Industry4.0 Environments – CRANE4.0 2019-1-ES01-KA202-065956 - Erasmus+
- Pi22.** Skilled: Sustainable Skills for Local Developer: 2019-1-ES01-KA202-064763 Erasmus+
- Pi 23.** “Future – Proof Your Career – Career Guidance for a Modern Labour Market” 2019-1-IE01-KA202-051543 Erasmus+
- Pi24.** Improved transactions, Enabling Results 2019-1-UK01-KA202-061465 Erasmus+
- Pi25.** “Enabling Industry 4.0 in Small European Enterprises – SEE4.0” 2019-1-PL01-KA202-064936 Erasmus+
- Pi26.** “An Innovative Higher Education Institution Training Toolbox to Effectively Address the European Industry 4.0 Skills Gap and Mismatches - ICARUS” 2019-1-MT01-KA203-051265 Erasmus+
- Pi127.** “A Digital VET Toolkit for Promoting the 4th Industrial Revolution in the European Health Sector – digi4HEALTH”, 2019-1-MT01-KA202-051203, Erasmus+
- Pi28.** Curriculum Development For Rapid Prototyping in Engineering Education 2018-1-TR01-KA203-059739, Erasmus+
- Pi29.** Global digital manufacturing industries 4.0 Joint Curriculum and research - MAGIC EY-COP-0001 SEEa
- Pi30.** An Adult Digital Education Skills Kit to Foster Employability (DESK) 2018-1-EL01-KA204-047819 Erasmus+
- Pi31.** Project Curriculum Development of Master’s Degree Program in Industrial Engineering for Thailand Sustainable Smart Industry - MSIE4.0 Project nr. 586137 - EPP-1-2017-1-TH-EPPKA 2-CBHE-JP
- P32.** Project Fostering use of technical spaces in higher education HEI-MARKER 2017-1LT01-KA203-035231
- Pi33.** Project Upskilled engineering profiles for the automotive sector and uptake of dual alternate scheme in Europe’s higher education 2017-1- ES01-KA203- 038588
- Pi34.** Project FLY -Financial Literacy for You 2014-1-CZ-01-KA200-002019, 2014-2016;
- Pi35.** Project ENEX 2014-1DE02-KA202-00635, 2014-2016;
- Pi36.** Project RO-KID-AIR Towards a better protection of infants against air pollution threats in the urban areas of Romania EEA EEA-JRP-RO-NO-2013-1-0096,
- Pi37.** Project W2L2W - Way to Learn to Work LLP-LDV/PAR/2013/069
- Pi38.** Project AppsGuide - Applications for Guiding Users in their Development towards Education and Employment, 2012 -1-SE-1-LEO05-11656

- Pi39.** Proiect N4QA - Net-Working for QA: Raising Quality in VET through Interagency Cooperation 2012-1-IE1-LEO05-04714,
- Pi40** Proiect WWW - World Wide Women – Web Learning, employability, integration: valuing foreign women potentialities_2011-1-CH1-LEO05-00037,
- Pi41.** Proiect NIREAS - Development of Digital Content for the Operators of Waste Water Treatment Plants 2011-1-GR1-LEO05-06777
- Pi42.** Proiect Formarea personalului didactic din învățământul secundar (ISCED 2-3) în vederea utilizării tehnologiei informației și a instrumentelor e-learning în activitatea didactică *Proiect POSDRU/87/1.3/S/64227* Contractor U.P.B. 2010-2014, Membru în echipă Expert pe termen lung - designer de instrucție în echipa de implementare, (Parteneri din România și Italia)
- Pi43.** Proiect UETP - Promoting the collaboration between universities and enterprises through online tools 510635-LLP-1-2010-1-GR-ERASMUS-ECUE
- Pi44.** Proiect EEoC - European Employer of Choice UK/10/LLP-LdV/TOI-376
- Pi45.** Proiect Talk-IT - Talk Information Technology: developing the business English language skills UK/09/LLP-LdV/TOI-163-268
- Pi46.** Proiect LAWN - Language for Work Training Network LLP-LdV/PAR/2009/RO/032
- Pi47.** Proiect CPS - Developing a career pole star system to increase employability rate and sustainability of career success of youths 2009-TR1-LEO05-08632,
- Pi48.** Proiect HeLPS TOI - Helps for High Education and High School LLP-LDV/ToI/08/IT/500,
- Pi49.** Proiect T&T - Work at Distance to Teach at Distance LLP-LdV/ToI/2008/RO/028
- Pi50.** Proiect KnowHow - Learning to Learn: Transferring knowledge from life into knowledge for training and work, LLP/LdV/TOI/2007/IRL- 507
- Pi51.** Proiect LFW - Learning Language for Work Membru UK/07/LLP-LdV/TOI- 039
- Pi52** “Misura dell’Efficacia con lo storytelling conversazionale” (short name: “E-STORY”2022-1-IT02-KA210-ADU-000084330, Erasmus+
- Pi53**"Sci-Co+ - High Professional Skills for Advanced Science Communication 2022-1-EN01-KA220-VET-000086033 - Erasmus+.
- Pi54.** DREAMER - Development and Reconstruction Empowerment through Advanced Project Management Education and Research – CA no. 2024-1-SK01-KA220-HED-000248287
- Pi55** ADEL - Advanced e-Learning for Cultural Heritage Restorers Specialisation, 2021-1-IT01-K220-VET-000028100

MEMBRU IN PROIECTE NATIONALE

- Pn56.** „Proiectarea și asamblarea unor paleți agabaritici pentru automatizarea unei linii de fabricație industriale Nr. 1/21.02.2022 – Proiect: Agenți economici
- Pn 57.** Studenți implicați, ingineri pentru viitor! (SIMPLU) PROIECT ROSE AG150/SGU/NC/II din 10.09.2019
- Pn58** Cercetari privind dezvoltarea unei platforme de aplicatii software de evaluare si consiliere profesionala Feb-18, Terti
- Pn.59** Mobiliare, Organizare si obiective pentru invatamantul universitar de Viitor - MOTIV pentru viitor! ROSE AG 144/SGU/PV/II

- Pn60.** Motorul revoluției energetice bazate pe hidrogen - Pilele de combustibil, pe drumul de la cercetare la producție prin minimizarea barierelor tehnologice (ROFCC) , nr. contract 22PCCDI/2018, PN III
- Pn61.** Printare 3D pentru industria de tehnica de calcul-P3DIT PN -III-P2.1-CI-2018-0987- 166CI
- Pn62.** Contract cu mediul economic între Universitatea Politehnica din București – Centrul de Tehnologii Avansate și S.C. Pro Management SRL nr. 1/2017- “Cercetări privind realizarea unor aplicații suport pentru prescrierea preciziei pe baza toleranțelor geometrice dependente de dimensiune în proiectarea asistată de calculator și formare profesională a specialiștilor în domeniu”
- Pn63.** Contract cu mediul economic între Universitatea Politehnica din București – Centrul de Tehnologii Avansate și S.C. Componente Auto S.A Topoloveni nr. 2/2017- „Cercetări privind realizarea unor aplicații în domeniul prelucrărilor prin deformare plastică la rece și formarea profesională a specialiștilor în domeniul Tehnologiei Deformațiilor plastice la Rece”,
- Pn64.** Proiect Sistem informatizat de încercare a casetelor de direcție ale autovehiculelor în scopul creșterii siguranței participanților la trafic” PN – III-P2-2.1-BG-2016-011,
- Pn65.** Proiect ANTREPRENOR- Idei de afaceri de succes și dezvoltarea antreprenorialului în regiunile București - Ilfov și Sud-Vest Oltenia, ID 150650 *Proiect POSDRU*
- Pn66.** Proiect PAAC - PN II SIEFER - Sisteme inovative eficiente și fiabile de producere a energiei regenerabile bazate pe soluții de proiectare inteligente și pe o abordare avansată a integrității structurale
- Pn67.** Proiect PAAC - PN II Hub virtual de eco-inovare pentru creșterea competitivității în domeniul reciclării deșeurilor de echipamente electrice și electronice – EcoInnEWaste,
- Pn68.** Proiect POSDRU ID138267 Dezvoltarea de competențe cheie pentru evaluări naționale de succes, (Expert pe termen lung - designer de instrucție în echipa de implementare)
- Pn69.** Proiect SMARTGUARD - Rețele de sisteme de monitorizare „anti-eroare” înglobate pentru procese de fabricație flexibile de mare complexitate PN 2 Parteneriate nr 72-204 /
- Pn70.** Proiect SEFOIB - Sistem enzimatic și colorimetric integrat pentru obținerea biodieselului cu conducere automată sigură în condiții de hazard PN 2 Parteneriate nr 62084 /2008,
- Pn71.** Proiect Sistem computerizat integrat de prelucrare optimizată prin electroeroziune asistată de ultrasunete. Contract nr. 72-194/1.10.2008; Proiect: CIMEDM+US, Nr. Proiect: 3211, Program Parteneriate.
- Pn72.** Proiect SICCOR - Sistem informatic bazat pe achiziție date și metode avansate de decizie în timp real pentru comanda și controlul unui costum ortotic robotizat pentru asistarea persoanelor cu dizabilități locomotorii PN 2 Parteneriate nr 11075 / 2007.
- Pn73.** Proiect SCEN - Sistem mecatronic de calibrare echipamente nanotehnologice PN 2 Parteneriate nr 71093 / 14.09.2007.
- Pn74.** Proiect complex Motorul revoluției energetice bazate pe hidrogen - Pilele de combustibil, pe drumul de la cercetare la producție prin minimizarea barierelor tehnologice (ROFCC) , nr. contract 22PCCDI/2018.

01.03.2025

Conf.dr.ing. Paulina SPANU