ANEXA 1 - GRANTURI CERCETARE

A) Internationale (4)

1. bEyonD the boRder of electric VEhicles: an advanced inTeractive cOURse (E-DRIVE TOUR),
- Coordonator: International International Hellenic University, Greece,
- Competitie: Erasmus Plua Knowledge Alliances,
- Tip proiect: Cercetare / dezvoltare,
- Finantator: European Commission,
- Numar proiect: 612522-EPP-1-2019-1-EL-EPPKA2-KA,
- Director: Badica Costin
- Valuta: Eur
- Perioada: 2020, 2022,
- Valoare totala: 73612,

2. Novel methods for development of distributed systems,
- Coordonator: POLISH ACADEMY OF SCIENCES AND THE ACADEMY OF SCIENCES OF ROMANIA,
- Competitie: SCIENTIFIC COOPERATION BETWEEN THE POLISH ACADEMY OF SCIENCES AND THE ACADEMY OF SCIENCES OF ROMANIA,
- Tip proiect: POLISH –ROMANIAN JOINT RESEARCH PROJECT,
- Finantator: THE POLISH ACADEMY OF SCIENCES AND THE ACADEMY OF SCIENCES OF ROMANIA,
- Director: Badica Amelia,
- Echipa proiect: "Badica Costin, Becheru Alexandru"
- Valuta: Eur
- Perioada: 2019,2021,
- Valoare totala: 15000,

3. European Training network of PhD researchers on Innovative EMI analysis and power Applications: ETOPIA,
- Coordonator: University of Twente - Olanda,
- Competitie: Horizon 2020: MARIE SKWODOWSKA-CURIE ACTIONS,
- Tip proiect: European Joint Doctorate EJD ,
- Finantator: "Uniunea Europeana, prin H2020-MSCA-ITN-2018 (Proiect European) (Marie Skwodowska-Curie Innovative Training Networks)",
- Director: Nicolae Petre Marian,
- Echipa proiect: Nicolae Ileana-Diana,
- Valuta: eur,
- Perioada: 2019,2023,
- Valoare totala: 395983,
- Valoare/an: "2020 / 19835, 2021 / 111890"

4. Imbunatatirea diagnosticului in cancer pentru endoscopia flexibila prin utilizarea roboticii medicale si a inteligentei artificiale ,

- Coordonator: Universitatea din Craiova,
- Competitie: NO Grants - Collaborative Research Projects,
- Tip proiect: Cercetare - RO 02,
- Finantator: Mecanismul Financiar NO 2014-2021,19/2020,
- Director proiect: Gruionu Lucian Gheorghe (extern),
- Echipa proiect: "Iacob Andreea Valentina, Udristoiu Anca, Constantinescu Catalin, Stan Razvan Sabin (extern), Gruionu Gabriel (extern)",
- Valuta: ron,
- Perioada: 2020,2023,
- Valoare totala: 5623814,
- Valoare/an: 2020 / 291937

14.03.2022

Director department,
Prof. dr. ing. Marius Brezova

B) Nationale (12)

1. "SOLUTII INTELIGENTE DE CRESTEREA SECURITATII SI COMPETITIVITATII PRIN MONITORIZARE, DIAGNOZA, REDUCEREA EFECTELOR ENERGETICE NEDORITE SI CRESTEREA EFICIENTEI ENERGETICE LA GENERARE SI LA CONSUMATORI INDUSTRIALI - SICSC-GC",

- Coordonator: "Universitatea din Craiova, Facultatea de Inginerie Electrica",
- Competitie: "PROGRAMUL OPERATIONAL COMPETITIVITATE 2014-2020 AXA PRIORITAR? 1 – Tip proiect: CERCETARE, DEZVOLTARE TEHNOLOGICA SI INOVARE (CDI) ÎN SPRIJINUL COMPETITIVITATII ECONOMICE SI DEZVOLTARII AFACERILOR",
- Finantator: PARTENERIATE PENTRU TRANSFER DE CUNOSTINTE,
- Director proiect: Nicolae Petre Marian,
- Echipa proiect: "Nicolae Ileana-Diana, Diga Silvia-Maria, POPESCU PAUL, Manescu Leonardo Geo, Rosca Daniela, Rusinaru Denisa, Ivanov Virginia, Grigorie Lucian Teodor, Enache Monica Adela, Ploscaru Claudia - Cristina, Nicolae Marian Stefan, Smarandescu Ionut Daniel, Dina Livia Andreea, Marinescu (Maria) Cristina, PRESURA (NICOLAE) Raluca, Marinescu Radu",
- Valuta: ron,
- Perioada: 2016,2021,
- Valoare totala: 7143330,
- Valoare/an: "2017 / 37000, 2018 / 245000, 2020 / 1175000, 2021 / 1708600, 2019 / 1227760"

2. "Sistem de tractiune inteligent, eficient energetic pentru noi generatii de masini feroviare usoare",

- Coordonator: Universitatea din Craiova,
- Competitie: Program Operational Competitivitate POC-A1-A1.2.3-G-2015,
- Tip Proiect: Parteneriate pentru transfer de cunostinte –KTP,
- Director proiect: Enache Sorin,
- Echipa proiect: "Nicolae Petre Marian, Vlad Ion, Ciontu Marian, IVANOV Iuri Sergiu, Rosca Daniela, Nicolae Ileana-Diana, Drighiciu Mircea Adrian, Neaca Mitica Iustinian, Dinca Liviu, CORCAU jENICA iLEANA, Nicolae Marian Stefan, Popa Dinut Lucian, Smarandescu Ionut Daniel, Dina Livia Andreea, Ploscaru Claudia - Cristina",
- Valuta: ron,
- Perioada: 2016,2021,
- Valoare totala: 8159917,
- Valoare/an: "2018 / 715304, 2020 / 774250, 2019 / 1286790"

3. Cercetari si transfer de cunostinte in domeniul tehnologiilor si instrumentelor software pentru informatizarea proceselor industriale,

- Coordonator: Universitatea din Craiova,
- Competitie: Programul Operational Competitivitate 2014-2020,
- Tip proiect: Cercetare,
- Director proiect: POPESCU DAN,
- Echipa proiect: "SELISTEANU DAN, Girlesteanu George Liviu, Stanciu Cristian Valeriu, Petre Emil, Sendrescu Dorin, Popescu Dorin, Popescu Ion-Marian, Ionete Cosmin, IVANOV Iuri Sergiu, MANDACHE LUCIAN, Roman Monica, Marian Marius-Adrian, Ganea Eugen-Ion, Sulea-Iorgulescu Constantin, Popescu Elvira, Popescu Mihaela"

- Valuta: ron,
- Perioada: 2016,2021,
- Valoare totala: 6178388,
- Valoare/an: "2019 / 1011510, 2021 / 303622, 2016 / 87072, 2020 / 794665, 2017 / 640670, 2018 / 953627"

4. RoEduNet4,
- Coordonator: ARNIEC,
- Competitie: POC,
- Tip proiect: Cercetare,
- Finantator: Fonduri europene,
- Director proiect: Dinu Gheorghe (extern),
- Echipa proiect: Mancas Dan,
- Valuta: ron,
- Perioada: 2019,2030,
- Valoare totala: 27152000,

5. Cresterea capacitatii de cercetare a Universitatii din Craiova prin investitii in infrastructuri de tip Cloud si Big Data.,
- Coordonator: Universitatea din Craiova,
- Competitie: POC/398/1/1,
- Tip proiect: Cercetare,
- Finantator: fonduri europene,
- Cod proiect: Cod SMIS 2014+: 124488,
- Director proiect: Mancas Dan,
- Echipa proiect: "Ganea Eugen-Ion, Barbulescu Lucian-Florentin, Dumitrascu Eugen, Mancas Catalina",
- Valuta: ron,
- Perioada: 2020,2022,
- Valoare totala: 4952998,
- Valoare/an: "2020 / 4000, 2021 / 400000, 2022 / 4553000"

6. UCV-EDW-2019-01/24.02.2019,
- Coordonator: Universitatea Din Craiova,
- Competitie: Competitie de Cercetare-Dezvoltare finantata de mediul privat,
- Tip proiect: Cercetare,
- Finantator: Eau De Web SRL RO19344048,27C/14.11.2019,
- Director proiect: Ilie Sorin
- Echipa proiect: -
- Valuta: eur,
- Perioada: 2019,2021,
- Valoare totala: 10000,
- Valoare/an: 2019 / 13675

7. Inovarea locomotivei electrice LEMA în scopul cresterii eficientei energetice,
- Coordonator: SOFTRONIC SRL,

- Competitie: "PROGRAMUL OPERATIONAL COMPETITIVITATE 2014-2020 (POC) Axa prioritara 1 - CERCETARE,
- Tip proiect: Proiect tehnologic inovativ,
- Finantator: Ministerul Fondurilor Europene+UE,266/22.06.2020,
- Director proiect: Girnita Ion (extern),
- Echipa proiect: "Nicolae Petre Marian, POPESCU PAUL, Nicolae Ileana-Diana, CORCAU jENICA iLEANA, Ploscaru Claudia - Cristina, Nicolae Marian Stefan, Marinescu Radu",
- Valuta: ron,
- Perioada: 2020,2022,
- Valoare totala: 1643558,
- Valoare/an: "2021 / 642419, 2020 / 184290"

8. CONTRACT CERCETARE - DEZVOLTARE „Inteligenta Artificiala pentru Recomandari in Comert Electronic",
- Coordonator: UCV,
- Competitie: Competitia privata SparkCode Srl „Inteligenta Artificiala pentru Recomandari in Comert Electronic",
- Tip proiect: Cercetare-Dezvoltare pentr mediul privat,
- Cod proiect: SparkCode Srl,9C/13.04.2021,
- Director proiect: Ilie Sorin,
- Echipa proiect: - Murarețu Ionuț
- Valuta: usd,
- Perioada: 2021,2022,
- Valoare totala: 12000,
- Valoare/an: 2021 / 12000

9. Adolescenta - Responsabilitati si Certitudini în viziunea dreptului,
- Coordonator: Universitatea din Craiova,
- Competitie: ROSE,
- Tip proiect: competitiv,
- Finantator: B. I. R. D.,108/SGU/PV/II/24.04.2019,
- Director proiect: Diaconu Matei,
- Echipa proiect: "Staiculescu Oana, Voinea Raluca Camelia, Ticu Madalin Savu, Patrascu Adela Elena, Bischin Robert, Calin (Dumitrescu) Livia, Bogdan Adrian, PAUL Raluca Lucia, Garaiman Daniela, Badea Simina, Ilie Adrian Barbu, Mancas Catalina, Nicu Alina Livia, Scarlat Daniela Isabela",
- Valuta: ron,
- Perioada: 2019,2022,
- Valoare totala: 560.37,

10. Dezvoltarea de aplicatii software care integreaza algoritmi de invatare automata,
- Coordonator: Universitatea din Craiova,
- Tip proiect: cercetare interna,
- Cod proiect: 135C/12.05.2021,
- Director proiect: Mihaescu Cristian,
- Echipa proiect: "Popescu Paul-Stefan, Mocanu Mihai-Lucian",
- Valuta: ron,

- Perioada: 2021,2022,
- Valoare totala: 50000,

11. "Sistem modular inteligent de calibrare/verificare metrologica a parametrilor de timp si distanta pentru transportul urban, cu asistenta robotizata si functionalitati IoT – SMARTTEST",

- Coordonator: EURO QUIP INTERNATIONAL SRL,
- Competitie: Programul Operational Competitivitate,"Cercetare, dezvoltare tehnologica si inovare (CDI) în sprijinul competitivitatii economice si dezvoltarii afacerilor",
- Finantator: "Ministerul Cercetarii, Inovarii si Digitalizarii, în calitate de Organism Intermediar pentru Programul Operational Competitivitate 2014-2020",
- Cod proiect: "Cod SMIS121456, contract nr. 372/390048/29.09.2021",
- Director proiect: Manta Florin,
- Echipa proiect: "Bizdoaca Nicu, Pana (Resceanu) Cristina, Enescu Iulian Nicolae, Mancas Dan, Popescu Dorin, Cojocaru Dorian",
- Valuta: ron,
- Perioada: 2021,2023,
- Valoare totala: 16580306,

12. Algoritm predictiv de invatare asistata folosit pentru evaluarea dinamica a pacientilor cu cancer pancreatic in timpul tratamentului multimodal,

- Coordonator: "Universitatea de Medicina si Farmacie, Craiova",
- Competitie: PNCDI II – Idei,
- Unitatea Executiva pentru Finantarea Invatamantului Superior a Cercetarii Dezvoltarii si Inovarii (UEFISCDI),
- Tip proiect: PN-III-P4-ID-PCE2020-0884,
- Director proiect: Adrian Saftoiu (extern),
- Echipa proiect: Udristoiu Anca,
- Valuta: ron,
- Perioada; 2021,2023,
- Valoare totala: -

ANEXA 2 - ARTICOLE

A) Reviste (15) IF = 37.994

1. Mihaescu Cristian, Alexandru Stoica, Stella Herras, Javi Palanca, Vicente Julian, Classification of educational videos by using a semi-supervised learning method on transcripts and keywords, Neurocomputing, vol. 456, 2021, ISI, IF=5.719, ISSN: 0925-2312

2. Ghenea Alice Elena, Udristoiu Anca, Prevalence and Antimicrobial Resistance of Klebsiella Strains Isolated from a County Hospital in Romania, Antibiotics-Basel, volume 7, number 10, 2021, ISI, IF=4.639, ISSN: 2079-6382

3. Ghenea Alice Elena, Udristoiu Anca, The Study of Clinical and Biochemical Parameters in Assessing the Response to the Antiviral Therapy in the Chronic Viral Hepatitis B, MEDICINA-LITHUANIA, volume 8, number 57, 2021, ISI, IF=2.43, ISSN: 1010-660X

4. Vasile Corina Maria, Udristoiu Anca, Udristoiu Stefan, Gruionu Lucian Gheorghe, Iacob Andreea Valentina, Intelligent Diagnosis of Thyroid Ultrasound Imaging Using an Ensemble of Deep Learning Methods, MEDICINA-LITHUANIA, volume 57, number 4, 2021, ISI, IF=2.43, ISSN: 1010-660X

5. Udristoiu Anca, Udristoiu Stefan, Zlatian Ovidiu, Ghenea Alice, COVID-19 and Artificial Intelligence: An Approach to Forecast the Severity of Diagnosis, Life-Basel, volume 11, number 11, 2021, ISI, IF=3.817, ISSN: 2075-1729

6. Udristoiu Anca, Iacob Andreea Valentina, Udristoiu Stefan, Gruionu Lucian Gheorghe, Real-time computer-aided diagnosis of focal pancreatic masses from endoscopic ultrasound imaging based on a hybrid convolutional and long short-term memory neural network model, Plos One, volume 6, number 16, 2021, ISI, IF=3.24, ISSN: 1932-6203

7. Dumitrescu Cristiana Iulia, Barbulescu Lucian-Florentin, Popa Radu-Teodoru, Popa Didi-Liliana, Cazacu Sergiu Marian, Maces Suzana, Tiuca Mihai Florin, Stavaru Radu, Ciobirca Diana Maria, Tambura Cornel Gheorghe, Dumitrescu Daniela, Ciobirca Catalin, Preoperative Planning for Superior Mesenteric Artery Aneurysm, Applied Sciences (Basel), volume 21, number 11, 2021, ISI, IF=2.679, ISSN: 2076-3417

8. Mihaescu Cristian, Popescu Paul-Stefan, Review on publicly available datasets for educational data mining, Wiley Interdisciplinary Reviews: Data Mining and Knowledge Discovery, 2021, ISI, IF=2.541, ISSN: 1942-4787

9. Badica Amelia, Badica Costin, Buligiu Ion, Ciora Liviu Ion, Logofatu Doina, Dynamic Programming Algorithms for Computing Optimal Knockout Tournaments, MATHEMATICS, Volume 9, Issue 19, Article Number2480, ISI, IF = 2.16

10. Udristoiu Anca, Iacob Andreea Valentina, Gruionu Lucian Gheorghe, Deep Learning Algorithm for the Confirmation of Mucosal Healing in Crohn's Disease, Based on Confocal Laser Endomicroscopy Images, JOURNAL OF GASTROINTESTINAL AND LIVER DISEASES, volume 1, number 30, 2021, ISI, IF=2.008, pages 59-65, ISSN: 1841-8724

11. Badica Costin, A novel real-time design for fighting game AI, Evolving Systems, volume 12, 2021, ISI, IF= 1.908, pages 169–176, ISSN: 1868-6486

12. Constantinescu Elena Codruta, Udristoiu Anca, Udristoiu Stefan, Iacob Andreea Valentina, Gruionu Lucian Gheorghe, Transfer learning with pre-trained deep convolutional neural networks for the automatic assessment of liver steatosis in ultrasound images, MEDICAL ULTRASONOGRAPHY, volume 2, number 23, 2021, ISI, IF=1.611, pages 135-139, ISSN: 184-41722066–8643(e)

13. Badica Amelia, Badica Costin, Buligiu Ion, Ciora, Liviu Ion, Exploring the Blocks World state space, Concurrency and Computation-Practice & Experience, ISI, IF=1.536

14. Mihaescu Cristian, Popescu Paul-Stefan, Mocanu Mihai-Lucian, Oana Maria Teodorescu, Continuous Student Knowledge Tracing Using SVD and Concept Maps, ADVANCES IN ELECTRICAL AND COMPUTER ENGINEERING, volume 1, number 21, 2021, ISI, IF=1.221, ISSN:1582-7445,

15. Rita Kuo, Popescu Elvira, Michelle Banawan, Jaelyn Domingo, Ramyaa Ramyaa, Report from Women in Engineering Panel at IEEE ICALT 2021, Bulletin of the Technical Committee on Learning Technology, volume 3, number 21, 2021, ISI, ISSN: 2306-0212

16. Carlos Vaz de Carvalho, Popescu Elvira, Jože Rugelj, Carina Soledad González González, Editorial: Serious Games, Frontiers in Computer Science, volume 3, 2021, ISI, ISSN: 2624-9898

17. Badica Amelia, Badica Costin, Mirjana Ivanovic, Maria Ganzha, Marcin Paprzycki, Multi-agent Spatial SIR-Based Modeling and Simulation of Infection Spread Management, Lecture Notes in Computer Science, 2021, page 440-453, ISBN: 978-3-030-77967-2, Springer

B) Conferinte (28)

1. Nicolae Ileana-Diana, Nicolae Petre Marian, POPESCU PAUL, Albita Anca, Comparative study of wavelet based techniques for electromagnetic noise evaluation and removal, INTERNATIONAL CONFERENCE ON APPLIED MATHEMATICS AND NUMERICAL METHODS (ICAMNM 2020), 2021, ISBN: 2271-2097

2. Nicolae Ileana-Diana, Nicolae Petre Marian, Dusan Kostic, Scarlatescu Lucian-Cristian, Hurezeanu Adrian-Ionut, Improving the Efficiency of Joint SWT/WPT Analysis by Using Different Wavelet Mothers, Proceedings of ICATE 2021, May 2021, Craiova, 2021, page 1-6, ISBN: 2376-4163, ISI, WOS:000709089900071

3. Nicolae Ileana-Diana, Nicolae Petre Marian, Marinescu Radu, Netoiu Alexandru, Zlatian Gheorghe, Ilie Gheorghe, Study of Parameters Influencing the Electrical Locomotives Efficiency, Proceedings of MPS 2021, June 2021, Cluj-Napoca, 2021, pages 1-6, ISBN: 978-1-6654-3383-9, IEEE

4. Nicolae Ileana-Diana, Nicolae Petre Marian, Marinescu Radu, Dusan Kostic, Using Time-Efficient Wavelet Packet Transform Decompositions to Analyze EMC Issues in Transportation Systems, Proceed. of Joint EMC/SI/PI and EMC Europe Sympos., July-Aug. 2021, Raleigh, NC, USA, 2021, pages 597-602, ISBN: 978-1-6654-4888-8, IEEE

5. Nicolae Ileana-Diana, Nicolae Petre Marian, Zlatian Radu, Netoiu Adrian, Estimating the Ratio of Kinetic Energy Turned into Regenerated Electric Active Energy through Regenerative Braking by an Electric Locomotive, Proceedings of ELECO 2021, Bursa, Turkey, Nov. 2021, 2021, pages 450-454, ISBN: 978-605-01-1437-9, IEEE

6. Nicolae Petre Marian, Nicolae Marian Stefan, Nicolae Ileana-Diana, Netoiu Alexandru, Overvoltages Induced in the Supplying Line by an Electric Railway Vehicle, Proc. of 2021 IEEE International Joint EMC/SI/PI and EMC Europe Symposium, 2021, pages 653-658, ISBN: 978-1-6654-4889-5, IEEE

7. Nicolae Petre Marian, Nicolae Ileana-Diana, Iurie Nuca, Adrian Hurezeanu, Lucian Cristian Scarlatescu, About the Distorting Regime Induced by an Electronic Induction Heating System, Proc. of 2021 Asia-Pacific International Symposium on Electromagnetic Compatibility (APEMC) , 2021, 3-Jan, ISBN:978-1-7281-7622-2, IEEE

8. Nicolae Petre Marian, Nicolae Ileana-Diana, Dina Livia Andreea, Nicolae Marian Stefan, Study on Shielding Effectiveness Based on the Modeling of a Shielded Enclosure, Proc. of 2021 Asia-Pacific International Symposium on Electromagnetic Compatibility (APEMC), 2021, 3-Jan, ISBN: 978-1-7281-7622-2, IEEE

9. Nicolae Petre Marian, Nicolae Ileana-Diana, Ihsan Mizher Baht, Enhancing the Power Grid Performance by Integrating Wind Turbines Systems , Proc. of 2021 International Conference on Electromechanical and Energy Systems (SIELMEN), 2021, 5-Jan,ISBN: 978-1-6654-0079-4, IEEE

10. Mihaescu Cristian, Popescu Paul-Stefan, Alexandru Buse Dragomir, Spell Checker Application Based on Levenshtein Automaton,International Conference on Intelligent Data Engineering and Automated Learning, 2021, ISBN: 978-3-030-91607-7, Springer

11. Mihaescu Cristian, Ciprian Amzuloiu, Traian Rebedea, Combining Encoplot and NLP Based Deep Learning for Plagiarism Detection, International Conference on Intelligent Data Engineering and Automated Learning, 2021, ISBN: 978-3-030-91607-7, Springer

12. Mihaescu Cristian, Javi Palanca, Diana Bleoanca, Stella Herras, Vicente Julian, Validation of Video Retrieval by Kappa Measure for Inter-Judge Agreement, International Conference on Intelligent Data Engineering and Automated Learning, 2021, ISBN: 978-3-030-91607-7, Springer

13. Mihaescu Cristian, Vicente Julian, Teodora Danciulescu, Javi Palanca, Stella Herras, Stella Herras, Multi Language Application of Previously Developed Transcripts Classifier, International Conference on Intelligent Data Engineering and Automated Learning, 2021, ISBN: 978-3-030-91607-7, Springer

14. Mihaescu Cristian, Alexandru Stoica, Traian Rebedea, Daniel Babiceanu, Unsupervised Detection of Solving Strategies for Competitive Programming, International Conference on Intelligent Data Engineering and Automated Learning, 2021, ISBN: 978-3-030-91607-7, Springer

15. Danilo Dessi, Popescu Elvira, Harald Sack, Mirko Marras, Tanja Käser, L2D 2021: First International Workshop on Enabling Data-Driven Decisions from Learning on the Web, Proceedings of the 14th ACM International Conference on Web Search and Data Mining, 2021, ISSN: 1165–1166, ACM

16. Danilo Dessi, Popescu Elvira, Harald Sack, Mirko Marras, Tanja Käser, Designing Intelligent Systems for Online Education: Open Challenges and Future Directions, Proceedings of the First International Workshop on Enabling Data-Driven Decisions from Learning on the Web, 2021, pages: 57-64, ISSN: 1613-0073, CEUR

17. Badica Amelia, Simionescu Sabin Mihai, Badica Costin, Maria Ganzha, Marcin Paprzycki, On the Role of Blockchain in Evolving the Online Business Landscape, 2021 CONFERENCE ON INFORMATION COMMUNICATIONS TECHNOLOGY AND SOCIETY (ICTAS), 2021, pages 85-90, ISBN: 978-1-7281-8081-6, IEEE

18. Badica Costin, Optimal Placement of Internet of Things Infrastructure in a Smart Building, Proceedings of the Second International Conference on Information Management and Machine Intelligence. Lecture Notes in Networks and Systems, 2021, pages 661-669, ISBN: 978-981-15-9689-6, Springer

19. Badica Costin, Polynomial Algorithms for Synthesizing Specific Classes of Optimal Block-Structured Processes,Volum,,"Proceedings of the 13th International Conference on Computational Collective Intelligence, ICCCI 2021, 2021, 330-343,978-3-030-88081-1, Springer,

20. Vultureanu-Albisi Alexandra, Badica Costin, Optimizing Regularized Multiple Linear Regression Using Hyperparameter Tuning for Crime Rate Performance Prediction, Trends and Applications in Information Systems and Technologies, volume 1, WorldCIST 2021, 2021, pages 92-103, ISBN: 978-3-030-72656-0, Springer,

21. Vultureanu-Albisi Alexandra,Badica Costin, Improving Students' Performance by Interpretable Explanations using Ensemble Tree-Based Approaches, 15th IEEE International Symposium on Applied Computational Intelligence and Informatics, SACI 2021, 2021, pages 215-220, ISBN: 978-1-7281-9544-5, IEEE

22. Vultureanu-Albisi Alexandra,Badica Costin, Recommender Systems: An Explainable AI Perspective, International Conference on INnovations in Intelligent SysTems and Applications, INISTA 2021, 2021, 6-Jan, ISBN: 978-1-6654-3603-8, IEEE

23. Vultureanu-Albisi Alexandra, Badica Costin, Explainable Collaborative Filtering Recommendations Enriched with Contextual Information, 25th International Conference on System Theory, Control and Computing, ICSTCC 2021, 2021, pages 701-706,ISBN: 978-1-6654-1496-8, IEEE

24. Stanescu Liana, A Smart Solution for Romanian Hospitals, ICSTCC, 2021, pages 352-357,ISBN: 978-1-6654-1496-8, IEEE

25. Stanescu Liana, A Comparison between a Relational and a Graph Database in the Context of a Recommendation System,Volum, FedCSIS 2021, 2021, pages 133-139,ISBN: 978-83-959183-9-1, Polskie Towarzystwo Informatyczne

26. Barbulescu Lucian-Florentin, Mocanu Mihai-Lucian, Popa Didi-Liliana, Popa Radu-Teodoru, Barbulescu Linda-Nicoleta, Comparing two different types of deep neural networks to improve accuracy in ECG intepretation, 25th International Conference on System Theory, Control and Computing (ICSTCC), 2021, pages 260-265, ISBN: 978-1-6654-1496-8, IEEE

27. Cerbulescu Catalin, Ganea Eugen-Ion, Marin Marius, IoT Big Data Management for Improved Response Time, INTERNATIONAL CARPATHIAN CONTROL CONFERENCE, 2021, ISBN: 978-1-5090-4862-5, IEEE

28. Manta Florin, Popescu Dorin, Marian Marius-Adrian, Dragomir Andrei, Roibu Horatiu, Integration of a Newly-Developed Pressure Sensor on Mobile Platforms, 22nd International Carpathian Control Conference, 2021, 6-Jan, ISBN: 978-1-7281-8609-2, IEEE Xpl,

14.03.2022

Director department,
Prof. dr. ing. Marius Brezova

ANEXA 3 - CONFERINTE

1. Popescu Elvira, Learning Analytics–A Multiple Perspectives Analysis of Student Data, 2021 International Mobile, Intelligent, and Ubiquitous Computing Conference (MIUCC), Misr International University (MIU), Cairo, Egypt, 26-05-2021, 27-05-2021, https://ieeexplore.ieee.org/abstract/document/9447614

2. Vultureanu-Albisi Alexandra,Badica Costin, Optimizing Regularized Multiple Linear Regression Using Hyperparameter Tuning for Crime Rate Performance Prediction, World Conference on Information Systems and Technologies, WorldCIST, Springer, Terceira Island, Azores, Portugalia, 30-03-2021, 02-04-2021

3. Vultureanu-Albisi Alexandra,Badica Costin, Improving Students' Performance by Interpretable Explanations using Ensemble Tree-Based Approaches, 15th IEEE International Symposium on Applied Computational Intelligence and Informatics, SACI, IEEE, Timisoara, Romania, 19-05-2021, 21-05-2021

4. Vultureanu-Albisi Alexandra,Badica Costin, Recommender Systems: An Explainable AI Perspective, International Conference on INnovations in Intelligent SysTems and Applications, INISTA, IEEE, Kocaeli, Turcia, 25-08-2021, 27-08-2021

5. Vultureanu-Albisi Alexandra, Badica Costin, Explainable Collaborative Filtering Recommendations Enriched with Contextual Information, 25th International Conference on System Theory, Control and Computing, ICSTCC, IEEE, Iasi, Romania, 20-10-2021, 23-10-2021

6. Gruionu Lucian Gheorghe, Udristoiu Anca, Iacob Andreea Valentina, Gruionu Gabriel, Surlin Valeriu, Patrascu Stefan, Spalidis K, Preda S, Computer-Assisted Laparoscopy Planning for the Surgical Repair of Hiatal Hernia, CARS, Munchen, Germania, 23-06-2021, 27-06-2021

14.03.2022

Director department,
Prof. dr. ing. Marius Brezova

ANEXA 4 - CARTI

A) Edituri international (4)

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2. Carlos Vaz De Carvalho, Popescu Elvira, Carina Soledad González González, Jože Rugelj, Serious Games (edited book), Lausanne: Frontiers Media SA, ISBN: 978-2-88966-944-8,132 pages

3. Danilo Dessi, Popescu Elvira, Tanja Käser, Mirko Marras, Harald Sack,Proceedings of the First International Workshop on Enabling Data-Driven Decisions from Learning on the Web (L2D 2021) (edited proceedings), CEUR,International, ISBN: 1613-0073, 64 pages

4. Ilona Buchem, Popescu Elvira, Mikhail Fominykh, Ralf Klamma, Milos Kravcik, Viktoria Pammer-Schindler, Fridolin Wil, IMHE-WELL4SD 2020 Joint Proceedings of Workshops IMHE 2020 and WELL4SD 2020 (edited proceedings), CEUR, ISBN: 1613-0073, 71 pages

5. Fernando De la Prieta, Popescu Elvira, Rosella Gennari, Marco Temperini, Tania Di Mascio, Pierpaolo Vittorini, Zuzana Kubincova, Davide Rua Carneiro, Loreto Lancia, Agnese Addone, Methodologies and Intelligent Systems for Technology Enhanced Learning, 11th International Conference (edited proceedings), Springer, ISBN: 978-3-030-86618-1, 282 pages

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