ANEXA 1 - GRANTURI CERCETARE

A) Internationale (3)

1. 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

2. 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

3. Romanian National Quantum Communication Infrastructure,

- Coordonator: UNIVERSITATEA POLITEHNICA DIN BUCURESTI,
- Competitie: DIGITAL-2021-QCI-01,
- Tip proiect: DIGITAL Simple Grants,
- Finantator: 50% EU, 50% RO,
- Numar proiect: 101091562,
- Director: Mihai CARABAS
- Director partener: **Barbulescu Lucian-Florentin**
- Echipa proiect: **Mancas Dan,** Stoian Gabriel, **Ganea Eugen-Ion, Marian Marius-Adrian, Cerbulescu Catalin, Becheru Alexandru, Mancas Catalina, Dumitrascu Eugen,** Popirlan Claudiu Ionut, Tudor Irina - Valentina, Popirlan Cristina, **Enescu Iulian Nicolae**
- Valuta: Eur
- Perioada: 2023 - 2025,
- Valoare totala: 9999877

B) Nationale (11)

1. 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,

2. "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,

3. 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: -

4. Dezvoltarea de aplicatii software care integreaza algoritmi de invățare automata,
- Coordonator: "Universitatea din Craiova",
- Competitie: cercetare interna,
- Numar proiect: 135C/12.05.2021
- Director proiect: **Mihaescu Cristian,**

- Echipa proiect: **Mocanu Mihai-Lucian, Popescu Paul-Stefan**,
- Valuta: ron,
- Perioada; 2021 - 2024,
- Valoare totala: 100000

5. Dezvoltarea de aplicații pentru analiza codului sursa folosind tehnici NLP,
- Coordonator: "Universitatea din Craiova",
- Competitie: cercetare cu terti,
- DATACRUNCHERS S.R.L,
- Tip proiect: cercetare cu terti (1C/14.01.2022),
- Director proiect: **Mihaescu Cristian,**
- Echipa proiect: **Mocanu Mihai-Lucian, Popescu Paul-Stefan**,
- Valuta: ron,
- Perioada; 2022 - 2023,
- Valoare totala: 50000

6. Dezvoltarea platformei e-Learning Tesys,
- Coordonator: "Universitatea din Craiova",
- Competitie: cercetare interna,
- Tip proiect: cercetare interna (149C/08.05.2019),
- Director proiect: **Mihaescu Cristian**,
- Echipa proiect: **Popescu Paul-Stefan, Mocanu Mihai-Lucian**, Ionascu Costel,
- Valuta: ron,
- Perioada; 2011 - 2023,
- Valoare totala: 85000

7. "Recuperarea activa si pasiva a membrului inferior",
- Coordonator: Universitatea din Craiova,
- Competitie: Proiect experimendal demonstrativ (PED),
- Finantator: UEFISCDI,
- Cod proiect: PN-III-P2-2.1-PED-2021-1917 (610PED/2022),
- Director proiect: Popescu Dorin,
- Echipa proiect: RUSU LIGIA, AVRAMESCU TAINA, ZĂVĂLEANU MIHAELA, Marin Mihnea, Copilusi Cristian-Petre, Manta Florin, **Marian Marius-Adrian**, Pană (Resceanu) Cristina, Roibu Horatiu, DRAGOMIR ANDREI,
- Valuta: ron,
- Perioada: 2022 - 2024,
- Valoare totala: 567195.00,

8. „CERT ENTTRUST – SOLUȚII ȘI TEHNOLOGII INOVATIVE BAZATE PE SERVICII SAAS (SOFTWARE AS A SERVICE) PENTRU ÎNTREPRINDERE DIGITALĂ”,
- Coordonator: S.C. Centrul de Calcul S.A Târgu-Jiu,
- Partener: Universitatea din Craiova (responsabil UCV – Ion-Marian POPESCU – DAE)
- Competitie: Proiect tehnologic inovativ – regiuni mai puțin dezvoltate,
- Finantator: Ministerul cercetarii,
- Cod proiect: Programul Operaţional Competitivitate 2014-2020 (396/390072/20.10.2021)
- Director proiect: **Marius Marian,**

- Echipa proiect: Popescu Ion-Marian (responsabil partener UCV), **Ganea Eugen-Ion**, Popa Bogdan, **Barbulescu Lucian-Florentin**, SELISTEANU DAN, Ionete Cosmin, POPESCU DAN, Sendrescu Dorin, Roman Monica, Stinga Florin, Sulea-Iorgulescu Constantin,
- Valuta: ron,
- Perioada: 2021 - 2023,
- Valoare totala: 15471728.00,
- Valoare/an: 2023 / 966879, 2022 / 1931150, 2021 / 322293

9. Algoritm de diagnostic si management al disfuncției cardiace la pacienții oncologici / DIONCO,

- Coordonator: GABRIELA CLINIC S.R.L., Craiova
- Competitie: Programul Operational Competitivitate 2014-2020, Axa 1 – Cercetare, dezvoltare tehnologica si inovare (CDI) in sprijinul competitivitatii economice si dezvoltarii afacerilor Actiunea: 1.2.1: Stimularea cererii intreprinderilor pentru inovare prin proiecte,
- Finantator: Ministerul Cercetării, Inovării si Digitalizării,
- Tip proiect: PROIECT TEHNOLOGIC INOVATIV
- Cod proiect: Cod SMIS 156442
- Director proiect: **Mocanu Mihai-Lucian**
- Echipa proiect: **Barbulescu Lucian-Florentin, Popa Liliana, Mihaescu Cristian Marian**
- Valuta: EUR,
- Perioada: 2023,
- Valoare totala: -

10. PLATFORMA SOFTWARE SI HARDWARE BAZATA PE CONTROLUL DE TIP BACKSTEPPING SI SISTEM DE NAVIGATIE INERTIALA DE TIP STRAP-DOWN PETRU VEHICULE SPATIALE,

- Coordonator: Universitatea din Craiova
- Competitie: PLANUL NAŢIONAL DE CERCETARE, DEZVOLTARE ŞI INOVARE 2015-2020, PNIII, P2 Cresterea competitivitatii economiei romanesti prin cercetare, dezvoltare si inovare, Subprogramul 2.1. Competitivitate prin cercetare, dezvoltare şi inovare
- Finantator: Ministerul Cercetării, Inovării si Digitalizării,
- Tip proiect: Proiect Experimental Demonstrativ (PED)
- Cod proiect: 665PED/2022
- Director proiect: Lungu Mihai-Aureliu
- Echipa proiect: Romulus Lungu, Alexandru Tudosie, **Lucian-Florentin Barbulescu**, Florentin Alin Butu, Claudia Craciunoiu (Efrim)
- Valuta: RON,
- Perioada: 2022-2024,
- Valoare totala: 598795

11. Inovarea locomotivei electrice LEMA în scopul creșterii eficienței energetice,

- Coordonator: SOFTRONIC S.A., Craiova
- Nr. Contract: 266/22.06.2020
- Cod proiect: Cod SMIS 121863
- Director proiect: **Nicolae Petre Marian**
- Echipa proiect: **Nicolae Ileana-Diana**

18.03.2024

Director department,
Ș.L. dr. ing. Nicolae-Iulian Enescu

ANEXA 2 - ARTICOLE

A) Reviste (11) IF = 9.84

1. Ferenczi, A**; Badica, C,** Prediction of Ethereum gas prices using DeepAR and probabilistic forecasting, JOURNAL OF INFORMATION AND TELECOMMUNICATION, DOI: 10.1080/24751839.2023.2250113, SEP 2023, ISI, IF=2.7, eISSN: 2475-1847 (DCTI IF=2.7)

2. **Badica, C**; Popa, A, Exact and approximation algorithms for synthesizing specific classes of optimal block-structured processes, SIMULATION MODELLING PRACTICE AND THEORY, Volume 127, Article Number 102777, DOI: 10.1016/j.simpat.2023.102777, SEP 2023, ISI, IF=4.2, eISSN: 1878-1462 (DCTI IF=2.1)

3. Nicolae, Petre-Marian; **Nicolae, Ileana-Diana**; Nitu, Maria-Cristina; Nicolae, Marian-Stefan, Analysis and Experiments Concerning Surges Transferred Between Power Transformer Windings Due to Lightning Impulse, IEEE TRANSACTIONS ON ELECTROMAGNETIC COMPATIBILITY, DOI: 10.1109/TEMC.2023.3299630, AUG 2023, ISI, IF=2.1, eISSN 1558-187X, (DCTI IF=0.53)

4. Gheorghe, Elena Codruta; Nicolau, Carmen; Kamal, Adina; **Udristoiu, Anca**; Gruionu, Lucian; Saftoiu, Adrian, Artificial Intelligence (AI)-Enhanced Ultrasound Techniques Used in Non-Alcoholic Fatty Liver Disease: Are They Ready for Prime Time?, APPLIED SCIENCES-BASEL, Volume 13, Issue 8, DOI: 10.3390/app13085080, APR 2023, ISI, IF=2.7, eISSN 2076-3417 (DCTI IF=0.45)

5. Saftoiu, Adrian ; Gruionu, Lucian; **Udristoiu, Anca**; Cazacu, Irina; Podina, Nicoleta; Constantin, Alina; Gheorghe, Elena Codruta; Croitoru, Vlad; Copaescu, Catalin; Gruionu, Gabriel, FUSION ENDOSCOPIC ULTRASOUND IMAGING: IS IT READY FOR PRIME TIME?, GASTROINTESTINAL ENDOSCOPY, Volume 97, Issue 6, Page AB839-AB839, WOS:001038022802206, JUN 2023, eISSN 1097-6779, ISI, IF=7.7 (DCTI IF=0.77)

6. Borcosi, CA, Borcosi, I., **Marian, M.**, Cusman, A., Ionica, D., „Sustainability of Romanian Small and Medium Enterprises Using the Electronic Signature as a Driving Digital Tool", Sustainability, vol. 15, issue 22, eISSN 2071-1050, Nov. 2023, DOI: 10.3390/su152215806, WOS:001115336700001, ISI Q2, IF=3.9 (DCTI IF=0.78)

7. Barbulescu, Linda-Nicoleta; Radulescu, Virginia-Maria; **Barbulescu, Lucian-Florentin**; Mogoanta, Stelian-Stefanita, The Influence of the COVID-19 Pandemic on Colorectal Cancer Secondary Preventive Healthcare Measures, HEALTHCARE, Volume 11, Issue 17, DOI: 10.3390/healthcare11172457, WOS:001144790900001, eISSN 2227-9032, ISI, IF=2.8 (DCTI IF=0.7)

8. Barbulescu, Linda-Nicoleta, Radulescu, Virginia-Maria, Mogoanta, Stelian-Stefanita, **Barbulescu, Lucian-Florentin**, Kamal, Constantin, Radu, Mirela, Cismaru, Liana, A Scoring Method to Prioritize Fecal Occult Blood Testing as a First Step in Colorectal Cancer Screening in Resource-Limited Settings, DIAGNOSTICS, Volume 13, Issue 15,

DOI: 10.3390/diagnostics13152556, AUG 2023, WOS:001046087800001, eISSN 2075-4418, ISI, IF=3.6 (DCTI IF=0.51)

9. Anghel, Florina-Catalina; **Popescu, Elvira**, Graduation Project Monitoring Platform Based on a Personalized Supervision Plan, ADVANCES IN WEB-BASED LEARNING, ICWL 2023, Volume 14409, Page 51-61, DOI: 10.1007/978-981-99-8385-8_5, WOS:001162054600005, eISSN 1611-3349, ISI, IF=0.302 (DCTI IF=0.302)

10. **Marius Brezovan,** Radu-Emil Precup, Dan Selişteanu, **Liana Stănescu**, Colored Petri nets-based control and experimental validation on three-tank system level control, International Journal of General Systems, Volume 52, Issue 1, Pages 1-47, DOI: 10.1080/03081079.2022.2086542, ISSN: 03081079 , ISI , IF=2.0 (DCTI IF=1.0)

11. Barbulescu, LN., Mogoanta, SS., **Barbulescu, LF.**, Kamal, C., **Popa, DL., Popa, RT.**, A Pilot Colorectal Cancer Study Using Fecal Occult Blood Tests and Colonoscopy to Identify the Weaknesses of the Romanian Public Healthcare System before Implementing National Screening, International Journal of Environmental Research and Public Health. 2023; 20(3):2531, eISSN: 1660-4601, DOI: 10.3390/ijerph20032531, MEDLINE:36767908

B) Conferinte (41)

1. Ferenczi, A; **Badica, C,** A Fully Decentralized Privacy-Enabled Federated Learning System, COMPUTATIONAL COLLECTIVE INTELLIGENCE, ICCCI 2023, Volume 14162, Page 444-456, DOI: 10.1007/978-3-031-41456-5_34, ISSN 2945-9133, ISI

2. Popescu, D., Rusu, L., **Marian, M.**, Roibu, H., Geambesa, MM, „A Case Study of Engaging PhD Students in Applied Research", Proceedings of the 2023 32nd annual conference of the european association for education in electrical and information engineering (EAEEIE), pp. 71-76, ISBN 978-90-386-5690-8, Jun. 2023, WOS:001035580700015, ISI

3. Luţan, Elena-Ruxandra; **Bădică, Costin**, Personalized Quiz-Based Perfume Recommender System Using Social Data, Communications in Computer and Information Science, Volume 1864 CCIS, Pages 30 – 43, 2023, 15th International Conference on Computational Collective Intelligence, ICCCI 2023, DOI: 10.1007/978-3-031-41774-0_3, ISBN: 978-303141773-3

4. **Vultureanu-Albisi, Alexandra; Badica, Costin**, The Significance of Enhancing Data Fairness in Educational Recommender Systems, Proceedings - RoEduNet IEEE International Conference, Volume 2023-September2023, 22nd RoEduNet Conference: Networking in Education and Research, Craiova, DOI: 10.1109/RoEduNet60162.2023.10274917, ISBN: 979-835039365-1

5. Ferenczi, Andras; **Bădică, Costin**, A Fully Decentralized Privacy-Enabled Federated Learning System, Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics), Volume 14162 LNAI, Pages 444 – 456, 2023, 15th International Conference on Computational Collective Intelligence, ICCCI 2023, Budapest, 27 September 2023, ISBN: 978-303141455-8, DOI: 10.1007/978-3-031-41456-5_34

6. Bouleanu, Daniel-Costel; **Bădică, Costin**; Kravari, Kalliopi, Using SHAP-Based Interpretability to Understand Risk of Job Changing, Studies in Computational Intelligence, Volume 1089 SCI, Pages 41 – 50, 2023, 15th International Symposium on Intelligent Distributed Computing, IDC 2022, Bremen, 14 September 2022, ISBN: 978-303129103-6, DOI: 10.1007/978-3-031-29104-3_5

7. Ferenczi, Andras; **Bădică, Costin,** An Experimental Validation of the Practical Byzantine Fault Tolerant Algorithm, Studies in Computational Intelligence, Volume 1089 SCI, Pages 244 – 253, 2023, 15th International Symposium on Intelligent Distributed Computing, IDC 2022, Bremen, 14 September 2022, ISBN: 978-303129103-6, DOI: 10.1007/978-3-031-29104-3_27

8. **Badea, Gabriel; Popescu, Elvira**, Investigating Students' Experience with Peer Assessment in Two Computer Science Courses - A Longitudinal Study, 2023, 27th International Conference on System Theory, Control and Computing, ICSTCC 2023 – Proceedings, Pages 30 – 35, 2023, 27th International Conference on System Theory,

Control and Computing, ICSTCC 2023, Timisoara, 11 October 2023, ISBN: 979-835033798-3, DOI: 10.1109/ICSTCC59206.2023.10308452

9. Anghel, Florina-Cătălina; **Popescu, Elvira**, Graduation Project Monitoring Platform Based on a Personalized Supervision Plan, Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics), Volume 14409 LNCS, Pages 51 – 61, 2023, 22nd International Conference on Web-based Learning, ICWL 2023, Sydney, 26 November 2023, ISBN: 978-981998384-1, DOI: 10.1007/978-981-99-8385-8_5

10. Ion, Teo-Christian; **Popescu, Elvira**, Distance Mathematics Teaching During the Pandemic – Experiences from Secondary Schools in Romania, Lecture Notes in Networks and Systems, Volume 764 LNNS, Pages 179 – 188, 2023, 13th International Conference on Methodologies and Intelligent Systems for Technology Enhanced Learning, MIS4TEL 2023, Guimaraes, 12 July 2023, ISBN: 978-303141225-7, DOI: 10.1007/978-3-031-41226-4_19

11. Nastase, Mariana Madalina; **Popescu, Elvira**, Towards Integrating Learnersourcing, Microlearning and Gamification in Moodle, Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics), Volume 13891 LNCS, Pages 352 – 363, 2023, 19th International Conference on Augmented Intelligence and Intelligent Tutoring Systems, ITS 2023, Corfu, 2 June 2023, ISBN: 978-303132882-4, DOI: 10.1007/978-3-031-32883-1_32

12. **L. Stanescu,** G. Dinu, "TensorFlow vs. PyTorch in Classifying Medical Images – preliminary results," 2023, 27th International Conference on System Theory, Control and Computing (ICSTCC), Timisoara, Romania, 2023, pp. 448-453, doi: 10.1109/ICSTCC59206.2023.10308472, ISBN: 979-835033798-3

13. Nedianu, Gabriel-Catalin; **Enescu, Nicolae; Mancas, Catalina**, Mobile Application for Real-Time monitoring of an Air Quality Station, Proceedings - RoEduNet IEEE International Conference, Volume 2023-September, 2023, 22nd RoEduNet Conference: Networking in Education and Research, RoEduNet 2023, Craiova, 21 September 2023, ISBN: 979-835039365-1, DOI: 10.1109/RoEduNet60162.2023.10274939

14. **Mancas, Catalina; Dumitrascu, Eugen; Ganea, Eugen; Enescu, Nicolae**; Nedianu, Gabriel-Catalin, Task Scheduling Policies in a Cloud Computing Environment, Proceedings - RoEduNet IEEE International Conference, Volume 2023-September, 2023, 22nd RoEduNet Conference: Networking in Education and Research, RoEduNet 2023, Craiova, 21 September 2023, ISBN: 979-835039365-1, DOI: 10.1109/RoEduNet60162.2023.10274919

15. **Enescu, Nicolae Iulian; Mancas, Dan-Viorel**; Cojocaru, Dorian; Popescu, Dorin; Manta, Liviu Florin, IoT module for a metrological calibration and verification system to support the Smart City vision. Implementation in urban transport, Proceedings of the 2023 24th International Carpathian Control Conference, ICCC 2023, Pages 118 – 123,

2023, Hybrid, Miskolc, 12 May 2023, ISBN: 979-835031022-1, DOI: 10.1109/ICCC57093.2023.10178932

16. **Mancas, Dan-Viorel; Enescu, Nicolae Iulian**; Cojocaru, Dorian; Pana, Cristina Floriana; Manta, Liviu Florin, Inspection results map module for a metrological calibration and verification system to support the Smart City Vision, Proceedings of the 2023 24th International Carpathian Control Conference, ICCC 2023, Pages 248 – 253, 2023, Hybrid, Miskolc, 12 May 2023, ISBN: 979-835031022-1, DOI: 10.1109/ICCC57093.2023.10178962

17. Nuca I., Kostic D., Nicolae P.M., **Nicolae I.D**., "Comparison of the Current Harmonic Pollution of Asynchronous Motor Drives With Field Oriented Control and Direct Torque Control", in Proc. of 2023 International Symposium on Electromagnetic Compatibility – EMC Europe, Krakow, Poland, 04-08 September, 2023, IEEE Xplore: INSPEC Accession Number: 23865776; DOI: 10.1109/EMCEurope57790.2023.10274291, ISBN: 979-8-3503-2401-3, ISSN: 2325-0356.

18. **Nicolae I.D.**, Nicolae P.M., Kostic D., Cîrstea N.D., "Using Wavelet Packet Trees to Efficiently Estimate Clustered High Order Harmonics", in Proc. of 2023 Power Quality and Electromagnetic Compatibility at Low Frequency (PQEMC-LF), June, Craiova, Romania,28-30 June 2023, pp. 65-68, IEEE Xplore: INSPEC Accession Number: 23551490; DOI: 10.1109/PQEMC-LF58184.2023.10211441, ISBN:979-8-3503-4134-8

19. **Nicolae I.D.**, Nicolae P.M., Nicolae M.S., "Using the Wavelet Packet Transform to Evaluate Weights of Clustered Harmonics Using Lookup Tables", in Proc. of 2023 IEEE International Symposium on Electromagnetic Compatibility & Signal/Power Integrity (EMCSI), Grand Rapids, Michigan, USA, July 29 - August 03, 2023, pp. 1-6 , IEEE Xplore: INSPEC Accession Number: 23706493; DOI: 10.1109/EMCSIPI50001.2023.10241388, ISBN:979-8-3503-0977-5

20. Nuca I., Wan L., Nicolae P.M., **Nicolae I.D.**, Grassi F., Wu X., "Analysis of Common Mode Currents and Harmonic Pollution at Supplying Induction Motors from Static Converters with Variable Modulation Frequency", in Proc. of 2023 Power Quality and Electromagnetic Compatibility at Low Frequency (PQEMC-LF), June, Craiova, Romania, 28-30 June 2023, pp. 57-60, IEEE Xplore: INSPEC Accession Number: 23551500; DOI: 10.1109/PQEMC-LF58184.2023.10212014, ISBN:979-8-3503-4134-8

21. **Nicolae I.D.**, Nicolae P.M., Nicolae M.S., "About Measurement System in Stations and Substations using Original Data Acquisition Systems", in Proc. of 2023 Power Quality and Electromagnetic Compatibility at Low Frequency (PQEMC-LF), June, Craiova, Romania, 28-30 June 2023, pp.53-56,IEEE Xplore: INSPEC Accession Number: 23551506; DOI: 10.1109/PQEMC-LF58184.2023.10211817, ISBN:979-8-3503-4134-8

22. Nicolae M.S., **Nicolae I.D.**, Presura Nicolae R.C., Nicolae P.M., "Remote Monitoring of Environment Radiation with Arduino Wemos and Geiger Counter Sensors", in Proc. of 2023 Power Quality and Electromagnetic Compatibility at Low Frequency (PQEMC-LF),

June, Craiova, Romania, 28-30 June 2023, pp.77-80, IEEE Xplore: INSPEC Accession Number: 23551491; DOI: 10.1109/PQEMC-LF58184.2023.10211935, ISBN:979-8-3503-4134-8

23. Baht I.M., Nicolae P.M., **Nicolae I.D.**, "On the Distorting Regime at the Connection of Photovoltaic Plants to Grid", in Proc. of 2023 Power Quality and Electromagnetic Compatibility at Low Frequency (PQEMC-LF), June, Craiova, Romania, 28-30 June 2023, pp. 45-48, IEEE Xplore: INSPEC Accession Number: 23551495; DOI: 10.1109/PQEMC-LF58184.2023.10211544, ISBN:979-8-3503-4134-8

24. **Nicolae I.D.**, Nicolae P.M., Cîrstea N.D., "Computing and Analysing PQ Indices for a Consumer with Various Sources of Harmonics and Non-symmetries", in Proc. of 2023 Power Quality and Electromagnetic Compatibility at Low Frequency (PQEMC-LF), June, Craiova, Romania, 28-30 June 2023, pp. 73-76, IEEE Xplore: INSPEC Accession Number: 23551489; DOI: 10.1109/PQEMC-LF58184.2023.10211607, ISBN:979-8-3503-4134-8

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