Domeniul Fundamental: STIINTE INGINERESTI
Domeniul de Studii Universitare: INGINERIA SISTEMELOR
Comisia CNATDCU [nr/denumire]: 15. CALCULATOARE, TEHNOLOGIA INFORMATIEI SI INGINERIA SISTEMELOR

## UNIVERSITATEA POLITEHNICA BUCURESTI

## FISA DE EVALUARE A ACTIVITATII
**Condiţii CNATDCU pentru gradul de Profesor Universitar**


Pietraru Radu Nicolae
FACULTATEA Automatică şi Calculatoare, UNIVERSITATEA Naţională de Ştiinţă şi Tehnologie Politehnica Bucureşti


**Punctaje conditii minimale (A)**

| Nr. | Domeniul de activitate | Minim Prevazut | Realizat |
|---|---|---|---|
| A1 | Activitatea didactica / profesionala (A1) | 100.00 | 443.33 |
| A2 | Activitatea de cercetare (A2) | 600.00 | 744.86 |
| A3 | Recunoasterea impactului activitatii (A3) | 150.00 | 214.47 |
| | TOTAL (A) | 850.00 | 1,402.66 |

**Punctaje conditii minimale obligatorii pe subcategorii**

| Nr. | Domeniul de activitate | Minim Prevazut | Realizat |
|---|---|---|---|
| A1.1.1-A1.1.2 | Carti de specialitate (capitole de carte) | 1 | 11 |
| A2.1 | Articole in reviste cotate si in volumele unor manifestari stiintifice indexate ISI proceedings | 15 | 34 |
| | din care minimum in reviste cotate ISI Q1 sau Q2 | 3 | 8 |
| A2.4.1 | Granturi / Proiecte castigate prin competitie (Director / responsabil partener) | 2 | 2 |
| A3.1.1 | Numar de citari in carti, reviste si volume ale unor manifestari stiintifice ISI (WOS) | 25 | 57 |
| | Factor de impact cumulat pentru publicatii | 10 | 35.05 |

## STRUCTURA ACTIVITATII CANDIDATULUI

| A1 | Activitatea didactica si pedagogica (A1) | 443.33 |
|---|---|---|

| A1.1.1 | Carti de autor sau capitole de specialitate la edituri cu ISBN (internationale) (50/nr de autori sau 100/nr autori cu conditia [2] - daca cartea se regaseste in cel putin 50 de biblioteci din strainatate conform catalogului WorldCat] Punctajul pentru capitol de carte se puncteaza cu 1/4 din cat ingloba respectiva | | Link |
|---|---|---|---|
| 1 | Ionita, A.D., Olteanu, A., Pietraru, R.N. (2020). Knowledge and Decision Support for Hazard Awareness. In: Fred, A., Salgado, A., Aveiro, D., Dietz, J., Bernardino, J., Filipe, J. (eds) Knowledge Discovery, Knowledge Engineering and Knowledge Management. IC3K 2019. Communications in Computer and Information Science, vol 1297. Springer, Cham. | 4.17 | https://link.springer.com/chapter/10.1007/978-3-030-66196-0_16 |
| 2 | Maximilian Nicolae, Radu Pietraru, Stefan Mocanu, A CPS Perspective on Teaching Engineering Laboratories during Pandemics, 2022. Cyber-Physical Systems, Pagini 86-108, CRC Press, eBook ISBN 9781003186380 | 4.17 | https://www.taylorfrancis.com/chapters/edit/10.1201/9781003186380-8/cps-perspective-teaching-engineering-laboratories-pandemics-maximilian-nicolae-radu-pietraru-stefan-mocanu |
| | Total (A1.1.1) | 8.33 | |

| | | | | | | |
|---|---|---|---|---|---|---|
| 21 | **Pietraru, R.N.**, Merezeanu, D.M., Ciofu, I., Persu, C. (2024). Cyber-Physical Penile Implant: Necessity or Premature Technological Risk?. In: Costin, HN., Magjarević, R., Petroiu, G.G. (eds) Advances in Digital Health and Medical Bioengineering. EHB 2023. IFMBE Proceedings, vol 110. Springer, Cham. https://doi.org/10.1007/978-3-031-62520-6_51 | 4 | 0.250 | 8.13 | https://link.springer.com/chapter/10.1007/978-3-031-62520-6_51 | WOS:001326809000051 |
| 22 | **R. N. Pietraru**, S. Andrei, M. Nicolae and D. M. Merezeanu, "A WiFi Sniffing Solution for Safe Return to Classes," 2021 12th International Symposium on Advanced Topics in Electrical Engineering (ATEE), 2021, pp. 1-5, doi: 10.1109/ATEE52255.2021.9425125. | 4 | 0.250 | 8.13 | https://www.webofscience.com/wos/woscc/full-record/WOS:000676164800045 | WOS:000676164800045 |
| 23 | Ionita, A.; Olteanu, A. ; **Pietraru, R.**,Knowledge-based Education and Awareness about the Radiological and Nuclear Hazards, KEOD:Proceedings Of The 11th International Joint Conference On Knowledge Discovery, Knowledge Engineering And Knowledge Management - VOL 2: KEOD, Page 154-163, DOI10.5220/0008165301540163, 2019, ISBN978-989-758-382-7. , | 3 | 0.250 | 10.83 | https://www.webofscience.com/wos/woscc/full-record/WOS:000604903600012 | WOS:00060490360001 |
| 24 | Pascu, M.; **Pietraru,R.N.**; Olteanu, A.; Nicolae, M., A Very Practical Approach for System Engineering Curriculum, in The 15 th International Scientific Conference eLearning and Software for Education (else2019), Volume 1 \| DOI: 10.12753/2066-026X-19-045 \| Pages: 334-340, 2019, ISSN2066-026X. | 4 | 0.250 | 8.13 | https://www.webofscience.com/wos/woscc/full-record/WOS:000473322400045 | WOS:000473322400045 |
| 25 | **Radu Nicolae Pietraru**, Luminita Gabriela Zegrea, Anca Daniela Ionita, "Publish-Subscribe Deployment Alternatives for Scenarios Related to University Laboratory Safety", 2019 11th International Symposium on Advanced Topics in Electrical Engineering (ATEE), DOI: 10.1109/ATEE.2019.8724923. | 3 | 0.250 | 10.83 | https://www.webofscience.com/wos/woscc/full-record/WOS:000475904500080 | WOS:000475904500080 |
| 26 | Andrei Stefan Duluta, Stefan Mocanu, Daniela Saru, **Radu Nicolae Pietraru**, Mihai Craciunescu, "Modern Techniques on Learning Strategies Supported by Data Mining Analysis", The 15th International Scientific Conference eLearning and Software for Education Bucharest, April 11-12, 2019, DOI: 10.12753/2066-026X-19-100. | 5 | 0.250 | 6.50 | https://www.webofscience.com/wos/woscc/full-record/WOS:000473324400031 | WOS:000473324400031 |
| 27 | Alexandru Mihai Vulcan, Maximilian Nicolaie, **Radu Nicolae Pietraru**, "Visual Tool for Learning GPU Programming", The 15th International Scientific Conference eLearning and Software for Education Bucharest, April 11-12, 2019, DOI: 10.12753/2066-026X-19-057 | 3 | 0.250 | 10.83 | https://www.webofscience.com/wos/woscc/full-record/WOS:000473322400057 | WOS:000473322400057 |
| 28 | **Radu Nicolae PIETRARU**, Maximilian NICOLAE, Magdalena ANGHEL, "Reengineering Learning Scenarios with Technologies based on Ubiquitous Computing", The 14th International Scientific Conference eLearning and Software for Education Bucharest, April 19-20, 2018, 10.12753/2066-026X-18-117. | 3 | 0.250 | 10.83 | https://www.webofscience.com/wos/woscc/full-record/WOS:000467466800046 | WOS:000467466800046 |
| 29 | **Radu Nicolae PIETRARU**, Alexandru-Stefan BANU, Stefan MOCANU, Daniela SARU, "Low Cost Technologies for Awareness and Early Warning in Conditions of Severe Weather", The 14th International Scientific Conference eLearning and Software for Education Bucharest, April 19-20, 2018 10.12753/2066-026X-18-118. | 4 | 0.250 | 8.13 | https://www.webofscience.com/wos/woscc/full-record/WOS:000467466800047 | WOS:000467466800047 |
| 30 | Ionita, A.D.; Olteanu, A.; **Pietraru, R.N.**; Prisecaru, I. C., Mapping E-Content To Domain Ontology For Education And Awareness Of Nuclear Hazards, INTED2017: 11th International Technology, Education And Development Conference, Spain, Pages: 8819-8824, Published: 2017, ISSN: 2340-1079. | 4 | 0.250 | 8.13 | https://www.webofscience.com/wos/woscc/full-record/WOS:000427401303108 | WOS:000427401303108 |
| 31 | Liliana Dobrica, **Radu Nicolae Pietraru**, "Experiencing Native Mobile Health Applications Development", May 2017, DOI10.1109/CSCS.2017.80, Conference: 2017 21st International Conference on Control Systems and Computer Science (CSCS) ISBN:978-1-5386-1839-4 | 2 | 0.250 | 16.25 | https://www.webofscience.com/wos/woscc/full-record/WOS:000449004400073 | WOS:000449004400073 |
| 32 | Andrei Duluta, Stefan Mocanu, **Radu Nicolae Pietraru**, Daniel Merezeanu, Daniela Saru, "Secure Communication Method Based on Encryption and Steganography", May 2017, DOI10.1109/CSCS.2017.70, Conference: 2017 21st International Conference on Control Systems and Computer Science (CSCS) ISBN:978-1-5386-1839-4 | 5 | 0.250 | 6.50 | https://www.webofscience.com/wos/woscc/full-record/WOS:000449004400063 | WOS:000449004400063 |
| 33 | Ionita, AD., Olteanu, A., **Pietraru, RN**, Reengineering Learning Scenarios With Web-Based Technologies, 12th International Scientific Conference on eLearning and Software for Education (eLSE),Page272-279, DOI10.12753/2066-026X-16-217, 2016, ISSN: 2066-026X | 3 | 0.250 | 10.83 | https://www.webofscience.com/wos/woscc/full-record/WOS:000385397100040 | WOS:000385397100040 |
| 34 | Ionita, A. D.; Olteanu, A.; **Pietraru, R. N.**, Moraru, D.E., Budu, A., Prisecaru I.C. , Online Learning Content For Power Engineering Students, With Semantic-Based Navigability, in ICERI2016: 9TH9th International Conference Of Education, Research And Innovation, Book Series: ICERI Proceedings, Pages: 2016 ,1152-1157 , ISSN: 2340-1095 | 6 | 0.250 | 5.42 | https://www.webofscience.com/wos/woscc/full-record/WOS:000417330201032 | WOS:000417330201032 |
| | **Total (A2.1)** | | **35.05** | **540.36** | | |

| A2.2 | Articole in reviste si volumele unor manifestari stiintifice indexate in alte baze de date internationale [20/nr.autori] | Numar autori | Punctaj | Link | Identificator |
|---|---|---|---|---|---|
| | **Conferinte indexate BDI** | | | | |
| 1 | **R. N. Pietraru**, R. -A. Crăciun and D. -M. Merezeanu, "Rapid Deployment of Low-Cost Wireless Monitoring Solution for Smart Building," 2024 International Conference Automatics and Informatics (ICAI), Varna, Bulgaria, 2024, pp. 377-380. IEEE Xplore | 3 | 6.67 | https://ieeexplore.ieee.org/abstract/document/10851499 | DOI: 10.1109/ICAI63388.2024.10851499 |
| 2 | **R. N. Pietraru**, A. Olteanu, R. -A. Crăciun and M. A. Moisescu, "Using IoT Sensors to Assess the Impact of Wood Heating on Air Quality," 2024 23rd RoEduNet Conference: Networking in Education and Research (RoEduNet), Bucharest, Romania, 2024, pp. 1-5. IEEE Xplore | 4 | 5.00 | https://ieeexplore.ieee.org/abstract/document/10722582 | DOI: 10.1109/RoEduNet64292.2024.10722582 |
| 3 | R. -A. Craciun, **R. N. Pietraru** and M. A. Moisescu, "Secure IoT Gateway: The First Layer of Cybersecurity for Secure Infrastructure in Smart Cities," 2023 IEEE International Smart Cities Conference (ISC2), Bucharest, Romania, 2023, pp. 1-5, doi: 10.1109/ISC257844.2023.10293352.IEEE Xplore | 3 | 6.67 | https://ieeexplore.ieee.org/document/10293352 | DOI: 10.1109/ISC257844.2023 |
| 4 | R. -A. Craciun, **R. N. Pietraru**, S. Mocanu and M. A. Moisescu, "IoT Intrusion Detection: A Machine Learning Assessment," 2023 24th International Conference on Control Systems and Computer Science (CSCS), Bucharest, Romania, 2023, pp. 307-312, doi: 10.1109/CSCS59211.2023.00055 BDI Scopus, IEEE Xplore | 4 | 5.00 | https://ieeexplore.ieee.org/document/10214682 | DOI: 10.1109/CSCS59211 |
| 5 | **R. N. Pietraru**, F. -C. Adochiei, I. M. Costea and C. K. Banica, "Comfort vs Health: A Winter Snapshot of Indoor Air Quality During the Energy Crisis," 2023 13th International Symposium on Advanced Topics in Electrical Engineering (ATEE), Bucharest, Romania, 2023, pp. 1-5, doi: 10.1109/ATEE58038.2023.10108245.BDI Scopus, IEEE Xplore | 4 | 5.00 | https://ieeexplore.ieee.org/document/10108245 | DOI: 10.1109/ATEE58038.2023.10108245 |
| 6 | M. -C. Dumitru, **R. N. Pietraru** and M. A. Moisescu, "LoRaWAN as Open Scalable IoT Ecosystem," 2023 13th International Symposium on Advanced Topics in Electrical Engineering (ATEE), Bucharest, Romania, 2023, pp. 1-6, doi: 10.1109/ATEE58038.2023.10108268.BDI Scopus, IEEE Xplore | 3 | 6.67 | https://ieeexplore.ieee.org/document/10108268 | DOI: 10.1109/ATEE58038.2023.10108268 |
| 7 | R. -A. Craciun, **R. Nicolae Pietraru** and M. Alexandru Moisescu, "IoT Device Identification: A Machine Learning Assessment," 2023 13th International Symposium on Advanced Topics in Electrical Engineering (ATEE), Bucharest, Romania, 2023, pp. 1-6, doi: 10.1109/ATEE58038.2023.10108170.BDI Scopus, IEEE Xplore | 3 | 6.67 | https://ieeexplore.ieee.org/document/10108170 | DOI: 10.1109/ATEE58038.2023.10108170 |
| 8 | **R. N. Pietraru**, F. -C. Adochiei and I. M. Costea, "Winter in Europe 2022–2023 - Concerns About The Effects of The Energy Crisis On Indoor Environmental Quality and Public Health," 2022 E-Health and Bioengineering Conference (EHB), Iasi, Romania, 2022, pp. 1-4, doi: 10.1109/EHB55594.2022.9991418.BDI Scopus, IEEE Xplore | 3 | 6.67 | https://ieeexplore.ieee.org/document/9991418 | DOI: 10.1109/EHB55594.2022.9991418 |
| 9 | M. -C. Dumitru, M. A. Moisescu and **R. Pietraru**, "A Review of Dynamic Resource Allocation in Edge and Fog Oriented Enterprise Systems," 2021 23rd International Conference on Control Systems and Computer Science (CSCS), 2021, pp. 295-301, doi: 10.1109/CSCS52396.2021.00055. BDI Scopus, IEEE Xplore | 3 | 6.67 | https://ieeexplore.ieee.org/document/9481073 | DOI: 10.1109/CSCS52396.2021.00055 |
| 10 | Bidilă; T.; **Pietraru; R.N.**; Ioniță; A.D.; Olteanu, A., Monitor Indoor Air Quality to Assess the Risk of COVID-19 Transmission, 2021 23rd International Conference on Control Systems and Computer Science (CSCS), Electronic ISBN:978-1-6654-3939-8, INSPEC Accession Number: 21230009, DOI: 10.1109/CSCS52396.2021.00065, Publisher: IEEE, 2021. BDI Scopus, IEEE Xplore | 4 | 5.00 | https://ieeexplore.ieee.org/document/9481066 | DOI: 10.1109/CSCS52396.2021.00065 |

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|---|---|---|---|---|
| 8 | "Cercetari asupra modalitatilor de dezvoltare a oraselor competitive si inteligente in societatile bazate pe cunoastere.", CeEx2 contract 2CEEX06-08-69, 2006-2007 | 2 | 4 | |
| 9 | "Analiza si modelarea arhitecturilor software orientate pe servicii în domenii ale sistemelor embedded", PN-II-ID-PCE-2008-2, CNCSIS Idei - Proiect de cercetare exploratorie, Nr. 627/2009, 2009-2011 | 3 | 6 | |
| 10 | POSDRU ComHighTech „Creşterea competitivităţii întreprinderilor prin perfecţionarea şi specializarea resurselor umane în domeniul noilor tehnologii. Într-o societate bazată pe cunoastere si pentru o dezvoltare durabilă" - POSDRU 53084 | 3 | 6 | |
| 11 | PN-II-PT-PCCA-2014-4-0262, "Sistem de alertare timpurie si asistare computerizata a deciziilor, bazat pe evaluarea anticipativa a dinamicii rapide a vulnerabilitatilor induse de obiectivele nucleare" (N-WATCHDOG), Autoritatea contractanta: Unitatea Executiva pentru Finantarea Invatamantului Superior, a Cercetarii, Dezvoltarii si Inovarii (UEFISCDI), PN II UEFISCDI: 298 / 2014, 2014-2016 | 2 | 4 | |
| 12 | CNFIS - FDI - Competitia 2021, Domeniul 5. Îmbunătățirea calității activității didactice, inclusiv a respectării deontologiei și eticii academice, Titlul proiectului: Îmbunătățirea managementului calității actului didactic în UPB prin mecanisme inovative de transformare digitală, FDI-2021-0256 | 1 | 2 | |
| 13 | CNFIS - FDI - Competitia 2022, Domeniul 5. Îmbunătățirea calității activității didactice, inclusiv a respectării deontologiei și eticii academice, Titlul proiectului: Îmbunătățirea calității activității didactice, inclusiv a respectării deontologiei și eticii academice, CNFIS-FDI-2022-0496. | 1 | 2 | |
| 14 | Sistem inteligent de evaluare și interpretare automată a comportamentului disimulat pentru personalul din infrastructuri critice – VISINT POC/222/1/3 Cod SMIS 2014+: 122226 2022-2023 | 2 | 4 | https://wing.ro/proiecte/visint-sistem-inteligent-de-evaluare-si-interpretare-automata-a-comportamentului-disimulat-pentru-personalul-din-infrastructuri-critice/ |
| | **Total (A2.4.2.2)** | | **60.00** | |

| A3 | Recunoasterea si impactul activitatii (A3) | | 214.47 | |
|---|---|---|---|---|

| A3.1.1 | Citari in carti, reviste si volume ale unor manifestari stiintifice - carti, ISI [8/nr.autori citati] | Nr. aut. art. citat | Citari ISI | Punctaj |
|---|---|---|---|---|
| | Pietraru, R.N.; Olteanu, A.; Nicolae, M.; Crăciun, R.-A. Contributions to the Development of Fire Detection and Intervention Capabilities Using an Indoor Air Quality IoT Monitoring System. Sensors 2025, 25, 6375. https://doi.org/10.3390/s25206375 Citat de: | | | |
| | Camacho-Magriñán, P.; Sales-Lerida, D.; Lara-Doña, A.; Sanchez-Morillo, D. Leveraging Low-Cost Sensor Data and Predictive Modelling for IoT-Driven Indoor Air Quality Monitoring. Smart Cities 2025, 8, 200. https://doi.org/10.3390/smartcities8060200 WOS:001648598500001 [Jurnal Q1] | 4 | 1 | 4.00 |
| | Vasilica, B.-V.; Anton, F.-D.; Pietraru, R.; Anton, S.-O.; Chiriac, B.-N. Enhancing Security in Smart Robot Digital Twins Through Intrusion Detection Systems. Appl. Sci. 2025, 15, 4596. https://doi.org/10.3390/app15094596 Citat de: | | | |
| | Verma, N., Kumar, N., Almuzaini, K.K. et al. A real-time intelligent intrusion detection framework for robotic system cybersecurity. Peer-to-Peer Netw. Appl. 19, 30 (2026). https://doi.org/10.1007/s12083-025-02175-6 WOS:001642327400001 | 5 | 1 | 1.60 |
| | Magaletti, N.; Tognon, C.; Di Molfetta, M.; Zerega, A.; Notarnicola, V.; Zini, E.; Leogrande, A. Integrating ESG with Digital Twins and the Metaverse: A Data-Driven Framework for Smart Building Sustainability. Systems 2025, 13, 1083. https://doi.org/10.3390/systems13121083 WOS:001647273400001 [Jurnal Q1] | 5 | 1 | 3.20 |
| | Olteanu, A.; Marian, C.G.; **Pietraru, R.N.** Smartwatch-Based Monitoring and Alert System for Factory Operators Using Public Cloud Services. Appl. Sci. 2025, 15, 2806. https://doi.org/10.3390/app15052806. Citat de: | | | |
| | Cazacu, C.-C.; Hanga, M.; Chiscop, F.; Cazacu, D.-A.; Cotet, C.E. Controlling Industrial Robotic Arms Using Gyroscopic and Gesture Inputs from a Smartwatch. Appl. Sci. 2025, 15, 8297. https://doi.org/10.3390/app15158297 WOS:001549009700001 [Jurnal Q1] | 3 | 1 | 5.33 |
| | Craciun, R.-A.; Caramihai, S.I.; Mocanu, Ş.; Pietraru, R.N.; Moisescu, M.A. Hybrid Machine Learning for IoT-Enabled Smart Buildings. Informatics 2025, 12, 17. https://doi.org/10.3390/informatics12010017 Citat de: | | | |
| | Velaga, K.S.; Guo, Y.; Yu, W. Edge AI for Smart Cities: Foundations, Challenges, and Opportunities. Smart Cities 2025, 8, 211. https://doi.org/10.3390/smartcities8060211 WOS:001647287600001 [Jurnal Q1] | 5 | 1 | 3.20 |
| | **Pietraru, R.N.**; Nicolae, M.; Mocanu, Ş.; Merezeanu, D.-M. Easy-to-Use MOX-Based VOC Sensors for Efficient Indoor Air Quality Monitoring. Sensors **2024**, 24, 2501. Citat de: | | | |
| | Botticini, S.; Comini, E.; Dello Iacono, S.; Flammini, A.; Gaioni, L.; Galliani, A.; Ghislotti, L.; Lazzaroni, P.; Re, V.; Sisinni, E.; et al. Index Air Quality Monitoring for Light and Active Mobility. Sensors **2024**, 24, 3170. https://doi.org/10.3390/s24103170 WOS:001233213100001 [Jurnal Q2] | 4 | 1 | 4.00 |
| | Fukuda, M.; Hyry, J.; Omoto, R.; Shimazaki, T.; Kobayashi, T.; Anzai, D. A Feasibility Study of a Respiratory Rate Measurement System Using Wearable MOx Sensors. Information **2024**, 15, 492. https://doi.org/10.3390/info15080492 WOS:001307362800001 [Jurnal Q2] | 4 | 1 | 4.00 |
| | Wysocka, I.; Dębowski, M. Advantages and Limitations of Measurement Methods for Assessing Odour Nuisance in Air—A Comparative Review. Appl. Sci. **2025**, 15, 5622. https://doi.org/10.3390/app15105622 WOS:001495893400001 [Jurnal Q1] | 4 | 1 | 4.00 |
| | Yildiz, O.; Sucuoglu, H.S. Development of Real-Time IoT-Based Air Quality Forecasting System Using Machine Learning Approach. Sustainability 2025, 17, 8531. https://doi.org/10.3390/su17198531 [Jurnal Q2] | 4 | 1 | 4.00 |
| | Al-Okby, M.F.R.; Junginger, S.; Roddelkopf, T.; Thurow, K. RTIMS: Real-Time Indoor Monitoring Systems: A Comprehensive Review. Appl. Sci. 2025, 15, 13217. https://doi.org/10.3390/app152413217 WOS:001646129900001 [Jurnal Q2] | 4 | 1 | 4.00 |
| | Pietraru, R.N.; Olteanu, A.; Adochiei, I.-R.; Adochiei, F.-C. Reengineering Indoor Air Quality Monitoring Systems to Improve End-User Experience. Sensors 2024, 24, 2659. Citat de: | | | |
| | Liang Xie, Zhe Li, Qikang Zhong, Xian Guan, Lai Fan, Passive climate control innovations in Hunan courtyard dwellings: Enhancing indoor environmental and energy efficiency through integrated systems, Ain Shams Engineering Journal, Volume 16, Issue 7, 2025, 103442, ISSN 2090-4479, https://doi.org/10.1016/j.asej.2025.103442. WOS:001509343700001 [Jurnal Q1] | 4 | 1 | 4.00 |
| | J. Saini, M. Dutta and G. Marques, "IoT-Enabled Environmental Monitoring and Forecasting with GSM-Based Alerts," 2024 IEEE International Smart Cities Conference (ISC2), Pattaya, Thailand, 2024, pp. 1-6, doi: 10.1109/ISC260477.2024.11004221. WOS:001508439000042 | 4 | 1 | 2.00 |
| | Al-Okby, M.F.R.; Junginger, S.; Roddelkopf, T.; Thurow, K. RTIMS: Real-Time Indoor Monitoring Systems: A Comprehensive Review. Appl. Sci. 2025, 15, 13217. https://doi.org/10.3390/app152413217 WOS:001646129900001 [Jurnal Q2] | 4 | 1 | 4.00 |
| | Xin Zhang, Sha Yang, Changping Lu, and Fengchang Fei, Big Data and Novel Sensors to Enhance Effectiveness of Monetary Policy in Internet of Things Era, Sens. Mater., Vol. 37, No. 7, 2025, p. 3191-3205 WOS:001541422100001 | 4 | 1 | 2.00 |
| | R. -A. Craciun, **R. Nicolae Pietraru** and M. Alexandru Moisescu, "INTERNET OF THINGS PLATFORM BENCHMARK: AN ARTIFICIAL INTELLIGENCE ASSESSMENT", RRST-EE, vol. 69, no. 1, pp. 97–102, Apr. **2024**, doi: 10.59277/RRST-EE.2024.1.17. Citat de: | | | |
| | SMART CROWD MONITORING SYSTEM USING IOT-BASED YOLO-GHOST. REVUE ROUMAINE DES SCIENCES TECHNIQUES — SÉRIE ÉLECTROTECHNIQUE ET ÉNERGÉTIQUE. 69, 3 (Sep. 2024), 341–346. DOI:https://doi.org/10.59277/RRST-EE.**2024**.69.3.15. WOS:001319210900015 | 3 | 1 | 2.67 |
| | AN ADVANCED AI-BASED SYSTEM FOR INTELLIGENT BRIDGE ALARM MONITORING ON MARITIME VESSELS. (2024). REVUE ROUMAINE DES SCIENCES TECHNIQUES — SÉRIE ÉLECTROTECHNIQUE ET ÉNERGÉTIQUE, 70(2), 223-228. https://doi.org/10.59277/RRST-EE.**2025**.2.12 WOS: 001511614200013 | 3 | 1 | 2.67 |

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|---|---|---|---|---|
| | Tejas Ramesh, Alexander Rush, Xu Liu, Binqian Yin, Keren Zhou, and Shuyin Jiao. 2025. Triton-Viz: Visualizing GPU Programming in AI Courses. In Proceedings of the 56th ACM Technical Symposium on Computer Science Education V. 1 (SIGCSETS 2025). Association for Computing Machinery, New York, NY, USA, 952–958. https://doi.org/10.1145/3641554.3701795 WOS:001443080400139 | 3 | 1 | 2.67 |
| | Mocanu, S; Duluta, A; Merezeanu, D; **Pietraru, R**; "Improved Security Based on Combined Encryption and Steganography Techniques",STUDIES IN INFORMATICS AND CONTROL Volume: 26 Issue: 1 Pages: 115-126 Published: MAR **2017** WOS:000400630300013 ISSN: 1220-1766 DOI10.24846/v26i1y201713. Citat de: | | | |
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| | **Total (A3.1.2)** | | **22** | **23.00** |

| A3.2 | Membru in colectivele de redactie sau comitete stiintifice al revistelor indexate ISI, chair, co-chair sau membru in comitetele de organizare ale manifestarilor stiintifice internationale indexate ISI [10p] | Punctaj | Link |
|---|---|---|---|
| 1 | Membru in colectivul de redactie al revistei Journal of Control Engineering and Applied Informatics | 10 | http://ceai.srait.ro/index.php?journal=ceai&page=about&op=editorialTeam |
| | **Total (A3.2)** | **10.00** | |

| A3.3 | Membru in colectivele de redactie sau comitete stiintifice al revistelor indexate BDI chair, co-chair sau membru in comitetele de organizare ale | Punctaj | Link |
|---|---|---|---|
| 1 | Membru in colectivul de organizare al conferinței internaționale 24th International Conference on Control Systems and Computer Science (CSCS24) | 6 | https://cscs24.hpc.pub.ro/committees/ |
| 2 | Membru in colectivul de organizare al conferinței internaționale 25th International Conference on Control Systems and Computer Science (CSCS25) | 6 | https://25.cscs-conference.com/chairs-and-committees/ |
| | **Total (A3.3)** | **12.00** | |

| A3.4 | Premii in domeniu conferite de Academia Romana, ASTR, AOSR, sau premii internationale de prestigiu [15p] | Punctaj | Link |
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| 1 | | | |
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| 3 | | | |
| | **Total (A3.4)** | **0.00** | |

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# Contracte

## Contracte de muncă

4 contracte de muncă

| Nr. | Marca | Categoria | Poziția | Departamentul | Facultatea | Perioadă început angajare | Perioadă sfârșit angajare | Număr de ore contract | Activ |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 6078 | PONTAJ FB UPB | CONFERENTIAR UNIVERSITAR | DEPARTAMENTUL AUTOMATICA SI INFORMATICA INDUSTRIALA | FACULTATEA DE AUTOMATICA SI CALCULATOARE | | - | | ACTIV |
| 2 | 6078 | PONTAJ CONTRACTE | RESPONSABIL P9 | PROIECT PNRR NETZEROCITIES 760007/30.12.2022 P9 | PROIECT PNRR NETZEROCITIES 760007/30.12.2022 P9 | 15-MAY-23 | 30-APR-26 | 40 | ACTIV |
| 3 | 6078 | PONTAJ CONTRACTE | SEF LUCRARI /LECTOR | COLABORATORI AUTOMATICA SI INFORMATICA | FACULTATEA DE AUTOMATICA SI CALCULATOARE | 29-SEP-25 | 29-MAY-26 | 1 | ACTIV |
| 4 | 6078 | PONTAJ CONTRACTE | CERCETATOR STIINTIFIC GRAD III | CONTRACT 1D 08 10 2025 DANUBIUS RO DIRECTE | CONTRACT 1D 08 10 2025 DANUBIUS RO 2 | 04-NOV-25 | 31-DEC-28 | 26 | ACTIV |

## Descărcare adeverințe

Alegeți tipul de adeverință

Descarca

1024

Nr. înregistrare Autoritate Contractanta

UNSTPB
41994
19/12/2024

**ACT ADITIONAL NR. 1**
**LA CONTRACTUL DE FINANȚARE**
**NR. 26/09.10.2023**

Părțile,

**Universitatea Națională de Știință și Tehnologie POLITEHNICA București,** cu sediul în București, Splaiul Independenței, nr. 313, sector 6, tel 004/021 3171001, fax. 004/021.317.10.02, cod fiscal 4846713, cont IBAN RO53TREZ70020F332000XXXX, Trezoreria Municipiului București, reprezentată prin Rector Mihnea COSTOIU și Director Economic Dorina ADAMESCU **în calitate de AUTORITATE CONTRACTANTĂ**

și

**Dl. Radu Nicolae PIETRARU,** având funcția de **conferențiar,** domiciliat în localitatea București str. Dinicu Golescu nr. 35, bl. B, sc. B, ap. 33, sector 1, legitimat cu C.I. seria RD nr. 960208, eliberat de S.P.C.E.P. Sector 1, la data de 07.12.2017, CNP 1761208463021**, în calitate de CONTRACTOR – Director grant,**

au convenit modificarea și completarea contractului de finanțare menționat mai sus, astfel:

Art. I. **Punctul 2.1. al art. 2.** ***Durata Contractului*** se modifică și va avea următorul conținut:
*2.1. **Prezentul contract intră în vigoare la data semnării sale de către părțile contractante și este valabil până data de 31 decembrie 2025.***

Art. II. Se modifică Anexa 1 - Deviz cadru antecalcul și Anexa II – Planificarea plăților la contractul de finanțare și se înlocuiește cu Anexa 1 - Deviz cadru antecalcul și Anexa II - Planificarea plăților la prezentul Act adițional.

Art. III. Toate celelalte clauze ale contractului de finanțare rămân nemodificate și se aplică în mod corespunzător.