LISTA COMPLETA DE LUCRARI

În legătură cu *disciplinele* din postul didactic în cauză*, domeniul* asociat şi/sau*, justificat*, discipline şi domenii înrudite cu acestea.

I.   TEZA (E) DE DOCTORAT (T)

Carabas, M. (2017), *Îmbunătăţirea şi extinderea virtualizării în medii de calcul moderne*. Coordonator: prof. dr. ing. Nicolae TĂPUȘ. Mentiunea Excelent.

II.   CĂRȚI PUBLICATE (C)
Ca1. Rughinis, Razvan and Deaconescu, Razvan and **Carabas, Mihai** and Costea, Sergiu. Configurarea şi administrarea reţelelor locale. PRINTECH, ISBN 978-606-23-0090-6, pp. 0 -- 418, 2013.

III. ALTE MATERIALE PUBLICATE (I,D)
I1. **Carabas, Mihai**. Security in Cluster and Grid Computing - Laboratory support, 42 pag, ISBN 978-606-515-873-3, Bucuresti, 2019
I2. **Carabas, Mihai**. Cloud, Cluster and Grid Computing - Private cloud deployment, 44 pag, ISBN 978-606-515- 955-6, Bucuresti, 2021
I3. **Carabas, Mihai**. Cloud, Parallel and Distributed Systems - Secure and Scalable deployments, 34 pag, ISBN 978-606-515- 956-3, Bucuresti, 2021

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

Ris - Reviste de specialitate de circulaţie internaţională recunoscute (cotate / indexate ISI Thomson Reuters, sau indexate in alte Baze de Date Internationale - BDI specifice domeniului, care fac un proces de selectie a revistelor pe baza unor criterii de performanta). *Se mentioneaza la fiecare lucrare includerea in Baza ISI [Accession Number, WOS=...., ultimul Factor Impact, ISSN] si/sau denumirea altei (altor) BDI.*

Ris1. Gheorghe, Laura and Marin, Bogdan and Gibson, Gary and Mogosanu, Lucian and Deaconescu, Razvan and Voiculescu, Gabriel-Valentin and **Carabas, Mihai**. Smart Malware Detection on Android. In Security and Communication Networks (SCN). Wiley, vol. 8, no. 18, pp. 4254--4272, December 2015, IF: 1,067, http://onlinelibrary.wiley.com/doi/10.1002/sec.1340/abstract, WOS:000367922500075

Ris2. Carabas, Mihai and Popescu, George Pantelimon. Energy-efficient virtualized clusters. In Future Generation Computer Systems. ISSN 0167-739X, November 2015; IF 4,639; http://www.sciencedirect.com/science/article/pii/S0167739X15003313, WOS:000403624900015

Ris3. Mogosanu, Lucian and **Carabas, Mihai** and Deaconescu, Razvan and Gheorghe, Laura and Voiculescu, Gabriel-Valentin. VMXHAL: A Versatile Virtualization Framework for Embedded Systems. In Journal of Control Engineering and Applied Informatics (CEAI). vol. 18, no. 1, pp. 68--77, 2016, IF 0,698, http://www.ceai.srait.ro/index.php?journal=ceai&page=article&op=view&path%5B%5D=2985, WOS:000373525400008

Ris4. EFTIME, Petre and Mogosanu, Lucian and **Carabas, Mihai** and Deaconescu, Razvan and RUSE, Laura and Voiculescu, Gabriel-Valentin. Optimizing Memory Usage in L4-Based Microkernel. In Computing and Informatics. vol. 36, no. 4, pp. 925--949, 2017, IF 0,410; http://www.cai.sk/ojs/index.php/cai/article/viewArticle/2017_4_925, WOS:000419276100009

Ris5. Carabas, Mihai and Carabas, Costin and Gheorghe, Laura and Deaconescu, Razvan and Tapus, Nicolae. Monitoring and auditing mobile operating systems. In International Journal of Space-Based and Situated Computing. vol. 6, no. 1, pp. 54--63, 2016, http://www.inderscienceonline.com/doi/abs/10.1504/IJSSC.2016.076571, WOS:000442795100007

Ris6. EFTIME, Petre and Mogosanu, Lucian and **Carabas, Mihai** and Gheorghe, Laura and Deaconescu, Razvan. ADDING SMP SUPPORT TO FASTPATHS IN AN L4 MICROKERNEL. In Proceedings of the 5 th International Conference on Computing and Informatics. pp. 347 -- 352, August 2015, IF 0,250, http://www.icoci.cms.net.my/proceedings/2015/PDF/PID101.pdf, WOS:000359431400049

Ris7. Dragomir, Cosmin and Mogosanu, Lucian and **Carabas, Mihai** and Deaconescu, Razvan and Tapus, Nicolae. u QC: a property-based testing framework for L4 microkernels. In International Journal of Critical Computer-Based Systems. Inderscience Publishers (IEL), vol. 8, no. 1, pp. 1--24, 2018, https://www.inderscienceonline.com/doi/abs/10.1504/IJCCBS.2018.091826, DOI 10.1504/IJCCBS.2018.091826

Ris8. Budrigă, O., d'Humières, E., Ionel, L. E., Martiş, M., & **Carabaş, M**. (2019). Modeling the interaction of an ultra-high intensity laser pulse with nano-layered flat-top cone targets for ion acceleration. Plasma Physics and Controlled Fusion, 61(8), 085007, https://iopscience.iop.org/article/10.1088/1361-6587/ab21f0/meta, WOS:000472103700001

Ris9. Martiş, M., Budrigă, O., d'Humières, E., Ionel, L. E., & **Carabaş, M.** (2020). Modeling the interaction of an ultra-high intensity laser pulse with an ultra-thin nanostructured foil target. Plasma Physics and Controlled Fusion, 62(9), 095014, https://iopscience.iop.org/article/10.1088/1361-6587/aba179/meta, WOS:000560067400001

Ris10. Dascalu, M. D., Ruseti, S., Dascalu, M., McNamara, D. S., **Carabas, M**., Rebedea, T., & Trausan-Matu, S. (2021). Before and during COVID-19: A Cohesion Network Analysis of students' online participation in moodle courses. Computers in Human Behavior, 121, 106780, https://www.sciencedirect.com/science/article/pii/S0747563221001035, WOS:000651382100007

Ris11. Mihailescu, M. E., Mihai, D., **Carabas, M**., Komisarek, M., Pawlicki, M., Hołubowicz, W., & Kozik, R. (2021). The Proposition and Evaluation of the RoEduNet-SIMARGL2021 Network Intrusion Detection Dataset. Sensors, 21(13), 4319, https://www.mdpi.com/1424-8220/21/13/4319, WOS:000671382900001

Ris12. "BĂRBULESCU, M., IVĂNOAICA, T., RÂPĂ, A., PĂIUȘESCU, L., & **CARABAS, M**. EMMA-EVOLVED MANAGEMENT AND MONITORING APPLICATION,UNIVERSITY POLITEHNICA OF BUCHAREST SCIENTIFIC BULLETIN SERIES C-ELECTRICAL ENGINEERING AND COMPUTER SCIENCE, Volume: 81 Issue: 4 Pages: 57-64,Published: 2019", https://www.scientificbulletin.upb.ro/rev_docs_arhiva/rezff5_522152.pdf, WOS:000502008300005

Ris13. Daniela Elena ILIE ,A.E. MIZERANSCHI, C.V. MIHALI, R.I. NEAMȚ, **M. CARABAȘ**, A.C. GRĂDINARU. THE EFFECT OF GENETIC VARIATIONS OF PITUITARY TRANSCRIPTION FACTOR 1 (PIT1) ON MILK PERFORMANCE TRAITS IN ROMANIAN CATTLE. In REVISTA ROMANA DE MEDICINA VETERINARA (pp. 87-92), ISSN 1220-3173, 2021, https://agmv.ro/wp-content/uploads/2021/03/87_92_Ilie_6-n.pdf, WOS:000635732100014

Ris14. AU Martin, AC, Mihai, D, Mihailescu, ME, **Carabas, M**, Weisz, S. BRING-UP BHYVE ON ESPRESSOBIN BOARD. IN UNIVERSITY POLITEHNICA OF BUCHAREST SCIENTIFIC BULLETIN SERIES C-ELECTRICAL ENGINEERING AND COMPUTER SCIENCE (pp. 65-76), 2021, https://www.scientificbulletin.upb.ro/rev_docs_arhiva/full2e5_932208.pdf, WOS:000628640200006

Vis- Volumele unor manifestări ştiinţifice internaţionale recunoscute, organizate in ţară şi străinătate, indexate ISI Thomson Reuters sau indexate in alte Baze de Date Internationale - BDI specifice domeniului, care fac un proces de selectie a publicatiilor pe baza unor criterii de performanta. *Se mentioneaza la fiecare lucrare includerea in Baza ISI [ISI Proceedings, Accession Number, WOS=........., ISSN] si/sau denumirea altei (altor) BDI.*

Vis1. Carabas, Mihai and Mogosanu, Lucian and Deaconescu, Razvan and Gheorghe, Laura and Tapus, Nicolae. Lightweight Display Virtualization For Mobile Devices. In Secure Internet of Things (SIoT), 2014 International Workshop on. pp. 18 -- 25, September 2014, IF 0,250, http://ieeexplore.ieee.org/xpl/articleDetails.jsp?arnumber=7058904&filter%3DAND%28p_IS_Number%3A7058894%29, WOS:000363814400003

Vis2. EFTIME, Petre and Mogosanu, Lucian and **Carabas, Mihai** and Gheorghe, Laura and Deaconescu, Razvan. ADDING SMP SUPPORT TO FASTPATHS IN AN L4 MICROKERNEL. In Proceedings of the 5 th International Conference on Computing and Informatics. pp. 347 -- 352, August 2015, IF 0,250, http://www.icoci.cms.net.my/proceedings/2015/PDF/PID101.pdf, WOS:000359431400049

Vis3. Trandafir, Ruxandra and **Carabas, Mihai** and Rughinis, Razvan and Tapus, Nicolae. HoneYDSPK: Cisco onePK implementation for anomaly-based IDS and honeypot services. In RoEduNet Conference: Networking in Education and Research, 2016 15th. pp. 1--5, 201, IF 0,250, http://ieeexplore.ieee.org/document/7753221/, WOS:000390713800022

Vis4. Gheorghe, Laura and Mogosanu, Lucian and **Carabas, Mihai** and Voiculescu, Gabriel-Valentin and Gibson, Gary. Infrastructure for Learning the Behaviour of Malicious and Abnormal Applications. In 11th International Scientific Conference eLearning and Software for Education. no. 1, pp. 202--209, May 2015, 0,250, http://search.proquest.com/openview/73a255bb60514507560b3eba567ac721/1.pdf?pq-origsite=gscholar&cbl=1876338, WOS:000384469000030

Vis5. Carabas, Costin and Patru, Irina-Ioana and **Carabas, Mihai** and Gheorghe, Laura and Tapus, Nicolae. Error Monitoring for Mobile Operating Systems. In Complex, Intelligent, and Software Intensive Systems (CISIS), 2015 Ninth International Conference on. pp. 302--307, July 2015, 0,250, http://ieeexplore.ieee.org/xpl/login.jsp?tp=&arnumber=7185202, WOS:000380431900046

Vis6. Mogosanu, Lucian and **Carabas, Mihai** and Condurache, Cristian and Gheorghe, Laura and Tapus, Nicolae. Evaluating Architecture-Dependent Linux Performance. In 20th International Conference on Control Systems and Computer Science (Ioan Dumitrache, Adina Magda Florea, Florin Pop, Alexandru Dumitrascu). IEEE, vol. 1, ISBN 978-1-4799-1779-2, pp. 499--505, May 2015, IF 0,250, http://ieeexplore.ieee.org/xpl/login.jsp?tp=&arnumber=7168474, WOS:000380375200073

Vis7. Manea, Valentina and **Carabas, Mihai** and Mogosanu, Lucian and Gheorghe, Laura. Native Runtime Environment for Internet of Things. In International Conference on Computer Science, Applied Mathematics and Applications. Springer International Publishing, vol. 358, ISBN 978-3-319-17995-7, ISSN 2194-5357, pp. 381--390, May 2015, IF 0,250, http://link.springer.com/chapter/10.1007%2F978-3-319-17996-4_34, WOS:000380483100034

Vis8. Condurache, Cristian and Mogosanu, Lucian and **Carabas, Mihai** and Gheorghe, Laura and Tapus, Nicolae. Performance Evaluation of In-kernel System Calls. In Engineering of Computer Based Systems (ECBS-EERC), 2015 4th Eastern European Regional Conference on the. pp. 130 -- 133, Aug 2015, IF 0,250, http://ieeexplore.ieee.org/xpl/login.jsp?tp=&arnumber=7275238, WOS:000380443500020

Vis9. NICOLAE, Alexandru and Gheorghe, Laura and **Carabas, Mihai** and Tapus, Nicolae and Duta, Cristina-Loredana. LLDP packet generator. In RoEduNet International Conference - Networking in Education and Research (RoEduNet NER), 2015 14th. pp. 7 -- 11, Sept 2015. IF 0,250, http://ieeexplore.ieee.org/xpl/login.jsp?tp=&arnumber=7311819, WOS:000378414300001

Vis10. Florea, Iulia Maria and Gheorghe, Laura and **Carabas, Mihai** and Tapus, Nicolae. Routing Enhancements based on Evolutionary Algorithm. In 11th International Conference on Intelligent Computer Communications and Processing (ICCP 2015). pp. 491--497, 2015, IF 0,250; http://ieeexplore.ieee.org/xpl/login.jsp?tp=&arnumber=7312708, WOS:000377121700065

Vis11. ANECI, Mihai Nicolae and Gheorghe, Laura and **Carabas, Mihai** and SORIGA, Stefan and SOMESAN, Raluca-Andreea. SDN-based security mechanism. In RoEduNet International Conference - Networking in Education and Research (RoEduNet NER), 2015 14th. pp. 12 -- 17, Sept 2015, IF 0,250, http://ieeexplore.ieee.org/xpl/articleDetails.jsp?tp=&arnumber=7311820, WOS:000378414300002

Vis12. Patru, Irina-Ioana and **Carabas, Mihai** and Gheorghe, Laura and SORIGA, Stefan and Tapus, Nicolae. Porting Android on intel-based embedded platforms. In RoEduNet International Conference - Networking in Education and Research (RoEduNet NER), 2015 14th. pp. 18 -- 22, Sept 2015, IF 0,250, http://ieeexplore.ieee.org/xpl/login.jsp?tp=&arnumber=7311821, WOS:000378414300003

Vis13. ZAHAROVITS, Albert and Stegaru, Silvia Cristina and **Carabas, Mihai** and Slusanschi, Emil-Ioan and PRICOP, Mihai-Victor. Shared memory parallelization of the conjugate gradient linear system solver of a FEM topology optimization code. In RoEduNet International Conference - Networking in Education and Research (RoEduNet NER), 2015 14th. pp. 143 -- 151, September 2015, IF 0,250, http://ieeexplore.ieee.org/xpl/articleDetails.jsp?reload=true&arnumber=7311984, WOS:000378414300026

Vis14. Trandafir, Ruxandra and **Carabas, Mihai** and Rughinis, Razvan and Tapus, Nicolae. FirewallPK: Security tool for centralized Access Control List management. In RoEduNet Conference 13th Edition: Networking in Education and Research Joint Event RENAM 8th Conference, 2014. ISSN 2068-1038, pp. 1--6, September 2014, IF 0,250, http://ieeexplore.ieee.org/xpl/login.jsp?tp=&arnumber=695530, WOS:000374588700017

Vis15. Ruta, Cristian and **Carabas, Mihai** and Rughinis, Razvan and Tapus, Nicolae. TEMPO: Traffic engineering and management in private organizations. In RoEduNet Conference 13th Edition: Networking in Education and Research Joint Event RENAM 8th Conference, 2014. ISSN 2068-1038, pp. 1--5, September 2014, IF 0,250, http://ieeexplore.ieee.org/xpl/login.jsp?tp=&arnumber=6955307, WOS:000374588700015

Vis16. Niculaescu, Oana and **Carabas, Mihai** and Gheorghe, Laura and Rughinis, Razvan and Tapus, Nicolae. Graphical Packet Generator - A solution for automatic discovery of the network topology and packet generation. In RoEduNet Conference 13th Edition: Networking in Education and Research Joint Event RENAM 8th Conference, 2014. ISSN 2068-1038, pp. 1--6, September 2014, IF 0,250, http://ieeexplore.ieee.org/xpl/login.jsp?tp=&arnumber=6955308, WOS:000374588700016

Vis17. Patru, Irina-Ioana and **Carabas, Mihai** and Barbulescu, Mihai and RUSE, Laura. Smart home IoT system. In RoEduNet Conference: Networking in Education and Research, 2016 15th. pp. 1--6, 2016, IF 0,250, http://ieeexplore.ieee.org/document/7753232/, WOS:000390713800033

Vis18. Carabas, Costin and **Carabas, Mihai**. Fuzzing the Linux kernel. In 2017 Computing Conference. pp. 839--843, July 2017, IF 0,250, https://ieeexplore.ieee.org/document/8252193/, WOS:000426944400109

Vis19. Barzu, Ancuta and Barbulescu, Mihai and **Carabas, Mihai**. Horizontal scalability towards server performance improvement. In 2017 16th RoEduNet Conference: Networking in Education and Research (RoEduNet). pp. 1--6, 2017, IF 0,250, https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=8123729, WOS:000425040000001

Vis20. Dumitriu, Paul and **Carabas, Mihai** and Tapus, Nicolae and Dulea, Mihnea. File caching and purging strategies in the disk pool manager. In 2017 16th RoEduNet Conference: Networking in Education and Research (RoEduNet). pp. 1--5, 2017, IF 0,250, https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=8123735, WOS:000425040000007

Vis21. Grigorean, Alin and **Carabas, Mihai** and Tapus, Nicolae and Dulea, Mihnea and Arsuaga-Rios, Maria. Evaluation of multi-source downloads for FTS. In 2017 16th RoEduNet Conference: Networking in Education and Research (RoEduNet). pp. 1--6, 2017, IF 0,250, https://ieeexplore.ieee.org/document/8123734/, WOS:000425040000006

Vis22. Grigorean, Alin and **Carabas, Mihai** and Tapus, Nicolae and Dulea, Mihnea and Arsuaga-Rios, Maria. Evaluation of multi-source downloads for FTS. In 2017 16th RoEduNet Conference: Networking in Education and Research (RoEduNet). pp. 1--6, 2017, IF 0,250, https://ieeexplore.ieee.org/document/8123734/, WOS:000425040000006

Vis23. Dragomir, Cosmin and Mogosanu, Lucian and **Carabas, Mihai** and Deaconescu, Razvan and Tapus, Nicolae. Towards the Property-Based Testing of an L4 Microkernel API. In VECoS'2015 Verification and Evaluation of Computer and Communication Systems. pp. 39 -- 48, 2015, http://ceur-ws.org/Vol-1431/paper5.pdf

Vis24. Gutu, Gabriel-Marius and Dascalu, Mihai and **Carabas, Mihai** and Elisei, Alexandru and Trausan Matu, Stefan and Nistor, Nicolae and Choi, Sunhea and Spoerl, Rebecca and Koletzko, Berthold. Curricula Customization with the Readerbench Framework. In eLearning Software for Education. vol. 2, 2018, http://proceedings.elseconference.eu/index.php?r=site/index&year=2018&index=papers&vol=28&paper=06fc477113f1ef7d82bb7d25723ff9bd, DOI 10.12753/2066-026X-18-123

Vis25. Dumitrescu, Dragos and **Carabas, Mihai**. Generic Data Synchronization Algorithm in Distributed Systems. In book Exploring Services Science, Springer International Publishing, ISBN 978-3-319-32689-4, pp. 473--484, 2016, https://link.springer.com/chapter/10.1007/978-3-319-32689-4_36, WOS:000386914200036

Vis26. Surdu, A., Carabas, C., & **Carabas, M**. (2018, September). Designing a Framwork for Creating CLIs. In 2018 17th RoEduNet Conference: Networking in Education and Research (RoEduNet) (pp. 1-6). IEEE., https://ieeexplore.ieee.org/abstract/document/8514138, WOS:000517570500016

Vis27. Paiusescu, L., Barbulescu, M., Vraciu, V., **Carabas, M**., & Cuza, A. I. (2018, September). Efficient Datacenters Management for Network and Security Operations. In 2018 17th RoEduNet Conference: Networking in Education and Research (RoEduNet) (pp. 1-5). IEEE., https://ieeexplore.ieee.org/abstract/document/8514148, WOS:000517570500025

Vis28. Budrigă, O., d'Humières, E., Ionel, L. E., Budrigă, M., & **Carabaş, M**. (2018, June). Laser-ion acceleration at ELI-NP. In 2018 International Conference Laser Optics (ICLO) (pp. 233-233). IEEE., https://ieeexplore.ieee.org/abstract/document/8435639, WOS:000451036000233

Vis29. Zamfir, V. A., **Carabas, M**., Carabas, C., & Tapus, N. (2019, May). Systems monitoring and big data analysis using the elasticsearch system. In 2019 22nd International Conference on Control Systems and Computer Science (CSCS) (pp. 188-193). IEEE., https://ieeexplore.ieee.org/abstract/document/8745151, WOS:000491270300032

Vis30. Raducanu, A. L., **Carabas, M**., Barbulescu, M., Tapus, N., & Suliman, G. (2019, October). Client-server application with Android mobile phone technology. In 2019 18th RoEduNet Conference: Networking in Education and Research (RoEduNet) (pp. 1-6). IEEE., https://ieeexplore.ieee.org/abstract/document/8909584/, WOS:000520513500019

Vis31. **Carabaş, M.,** Drăghici, A., Lupescu, G., Samoilă, C. G., & Sluşanschi, E. I. (2018, August). Integrating Parallel Computing in the Curriculum of the University Politehnica of Bucharest. In European Conference on Parallel Processing (pp. 222-234). Springer, Cham., https://link.springer.com/chapter/10.1007/978-3-030-10549-5_18, WOS:000529303200018

Vis32. Voicu, E., & **Carabas, M.** (2018, November). Network Self-healing. In International Conference on Image Processing and Communications (pp. 200-207). Springer, Cham., https://link.springer.com/chapter/10.1007/978-3-030-03658-4_24, WOS:000558392800024

Vis33. **Carabas, M.,** & Carabas, C. (2019, September). Instruction caching for bhyve. In Proceedings of the 6th Conference on the Engineering of Computer Based Systems (pp. 1-5)., https://dl.acm.org/doi/abs/10.1145/3352700.3352717, WOS:000525376600017

Vis34. Gutu-Robu, G., Mihai, D., Dascalu, **M., Carabas**, M., Trausan-Matu, S., Choi, S., ... & Koletzko, B. (2020, September). Cohesion Network Analysis: Customized Curriculum Management in Moodle. In 2020 22nd International Symposium on Symbolic and Numeric Algorithms for Scientific Computing (SYNASC) (pp. 175-181). IEEE., https://ieeexplore.ieee.org/abstract/document/9357085, WOS:000674702000026

Vis35. Mitran, A., Mihăilescu, M. E., Mihai, D., Weisz, S., **Carabas, M**., & Tăpus, N. (2020, September). FreeBSD as a compute node in OpenStack. In 2020 IEEE 16th International Conference on Intelligent Computer Communication and Processing (ICCP) (pp. 547-554). IEEE., https://ieeexplore.ieee.org/abstract/document/9266213, WOS:000646618600070

Vis36. Postolache, E. B., Mihai, D., Mihailescu, M. E., Weisz, S., Barbulescu, M., **Carabas, M**., & Tapus, N. (2020, December). Suspend feature for multiple devices of same type in bhyve. In 2020 19th RoEduNet Conference: Networking in Education and Research (RoEduNet) (pp. 1-5). IEEE., https://ieeexplore.ieee.org/abstract/document/9324889, WOS:000654265900037

Rno - Alte reviste de specialitate de circulaţie naţională.

Vi - Volumele unor manifestări ştiinţifice internaţionale recunoscute, organizate in ţară şi străinătate;

V. BREVETE DE INVENŢIE / INOVAŢII (B,A)

VI. CONTRACTE ŞI RAPOARTE ŞTIINŢIFICE (P,F)

> **P** – Proiecte de cercetare-dezvoltare – inovare obtinute prin competitie, pe bază de contract/grant, in tara/strainatate (**Pn** – nationale, **Pi** - internationale).

Pn1. SIMULATE - Simulations of Ultra-High Intensity Laser Pulse Interaction with Solid Targets, 2.2 ani, director de proiect
Pn2. Condegrid - National contribution to the development of the LCG computing grid for elementary particle physics, 3 ani
Pn3. VDAQ-CEX - Versatile approach to integrated large data aquisition system for complex ELI-NP experiments, 2,2 ani
Pn4. SOVAREX - Tehnici de stocare si valorificare a rezultatelor cercetarilor stiintifice avansate, 1,2 ani
Pn5. SCOP - Creşterea performanţelor studenţilor masteranzi prin practică şi consiliere profesională, 6 luni
Pn6. Bursa doctorala, proiect KNOWLEDGE. POSDRU/159/1.5/S/134398 Durata: 08.04.2014- 15.12.2015

Pi1. Data4Water: Excellence in Smart Data and Services for Supporting Water Management H2020-TWINN-2015, 3 ani
Pi2. ATTRACT - Quantum Optimization of Worldwide LHC Computing Grid data placement (QUOG-DP), 1.1 ani, responsabil proiect
Pi3. PROTECTIVE - H2020, 3 ani, responsabil proiect
Pi4. SIMARGL - H2020, 3 ani, responsabil proiect

VII. COMUNICĂRI ŞTIINŢIFICE NEPUBLICATE (E)

OBSERVAŢII

a) - În categoriile II, III şi IV se includ numai lucrările deja publicate sau aflate în procesare în edituri, respectiv nu se includ lucrările în manuscris sau alte lucrări (comunicări, referate tematice, etc.). Articolele/studiile în curs de publicare, justificate cu documente, nu vor depăşi 10% din total.

b) Lucrările reeditate care nu includ contribuţii noi ale candidatului şi lucrarea de bază (iniţială) se înregistrează sub acelaşi indicativ, precizându-se la fiecare numărul ediţiei.

c) Articolele/studiile publicate în reviste sau volumele unor manifestări ştiinţifice, reluate de alte publicaţii, vor fi înregistrate o singură dată, la poziţia iniţială, cu menţionarea reluărilor/reeditărilor.

d) Recenziile/rezumatele unor lucrări, apărute în alte publicaţii, vor fi înregistrate la poziţia lucrării iniţiale, cu menţionarea acestora (nu vor fi poziţii separate).

e) Fiecare lucrare este descrisă în limba în care a fost realizată (publicată, prezentată), titlul fiind scris italic

f) Autorii vor fi prezentaţi, în totalitate, în ordinea din publicaţie, cu sublinierea *candidatului.*

g) Se vor specifica editura, revista sau manifestarea şi/sau alte elemente de localizare, cu menţionarea intervalului de pagini din publicaţie, numărul total de pagini sau alte date similare (după caz), anul sau perioada de realizare