

# LIST OF PUBLICATIONS

## Professor Ionel-Bujorel PĂVĂLOIU

### I. PhD Thesis (T)

**T1. Ionel-Bujorel PĂVĂLOIU**, Utilizarea sistemelor dinamice cu evenimente discrete pentru rețele neurale, coordonator: Prof. Paul Dan CRISTEA, 2006, Inginerie Electrică, Universitatea Politehnică București  
<http://www.library.pub.ro/doc/teze/teze%20doctorat%202007.pdf>

### II. Books and chapters in books (C)

#### Cb Speciality books published with recognized publishing houses

#### CbI Speciality books published with recognized international publishing houses

**CbI3** Sebastian Marius Rosu, **Ionel-Bujorel Pavaloiu**, George Dragoi, Cristian Gabriel Apostol, Daniel Munteanu, (2016) Telemedicine Based on LMDS in the Urban / Metropolitan Area: A Romanian Case Study, Chapter in Encyclopedia of E-Health and Telemedicine, **IGI Global, Hershey, PA, USA**, pp. 96-109, ISBN13:9781466699786, EISBN13: 9781466699793, DOI:10.4018/978-1-4666-9978-6.ch009  
<http://www.igi-global.com/chapter/telemedicine-based-on-lmlds-in-the-urbanmetropolitan-area/151949>

**CbI2** Rosu S.M., Dragoi G., **Pavaloiu, B.**, (2015), The WiMAX Network Solutions for Virtual Enterprises Business Network, in Encyclopedia of Information Science and Technology, Third Edition, chapter 622, M. Khosrow-Pour (Ed.), **IGI Global, Hershey, PA, USA**, pp. 6327-6338, ISBN 9781466658882 (HB), EISBN 9781466658899 (e-book), DOI: 10.4018/978-1-4666-5888-2.ch622  
<http://www.igi-global.com/chapter/the-wimax-network-solutions-for-virtual-enterprises-business-network/113088>

**CbI1** Rosu S.M., Dragoi G., **Pavaloiu, B.I.**, (2014), Knowledge, Knowledge Management, and Business partnership in SMEs Business Intelligence - A Romanian Case Study, in International Business Strategy and Entrepreneurship: An Information Technology Perspective, chapter 13, P. Ordonez de Pablos (Ed.), **IGI Global, Hershey, PA, USA**, , pp. 202-226, ISBN 9781466647534 (HB), EISBN 9781466647541 (e-book), DOI: 10.4018/978-1-4666-4753-4.ch013, **WOS:000363195200015**  
<https://www.igi-global.com/chapter/knowledge-knowledge-management-and-business-partnerships-in-sme-business-intelligence/100319>  
[http://apps.wbofknowledge.com/Search.do?product=UA&SID=W2tIMmBohNvjTe4imqk&search\\_mode=GeneralSearch&prID=98bceb3-63f7-4108-9fed-f430ce4cd11d](http://apps.wbofknowledge.com/Search.do?product=UA&SID=W2tIMmBohNvjTe4imqk&search_mode=GeneralSearch&prID=98bceb3-63f7-4108-9fed-f430ce4cd11d)

#### CbN Speciality books published with recognized national publishing houses

**CaN4** Baracu T., Ionita C., **Pavaloiu B.**, Gheorghian A., Stan L. V., Bosneagu R., Streche C., Babis C., Mesteru C., Gearîp G., Dumitru M. G., Pascu A., Ionita S., (2022), Metode numerice cu programare echivalenta in platformele C++, Matlab si Mathcad, 2022, Ed. Matrix Rom, Bucuresti, Romania, (**COD CNCSIS 39**), 242p, ISBN 978-606-25-0711-4

**CbN3** Paul Dan Cristea, **Bujor Pavaloiu**, Rodica Tuduce, (2014), O nouă abordare a reprezentării datelor in sistemele de calcul, in Antropologie și Mediu, Andrei Kozma, Cristiana Glavce, Constantin Bălăceanu-Stolnici (Eds), pp 432-439, ISBN PDF: 978-973-748-859-6, Editura NICULESCU, 2014, (**COD CNCSIS 212**)  
[http://www.antropology.ro/doc/carti/ONLINE%20PDF%20-%20Antropologie%20si%20Mediu%20\[2014\].pdf](http://www.antropology.ro/doc/carti/ONLINE%20PDF%20-%20Antropologie%20si%20Mediu%20[2014].pdf)

**CbN2** **Ionel-Bujorel Păvăloiu**, (2013), Integrarea identității culturale în rețelele sociale, Editura Muzeului Național al Literaturii Române, (**COD CNCSIS 338**), 190p, ISBN: 978-973-167-192-5, 2013,  
[http://www.cultura.postdoc.acad.ro/cursanti/sinteze/pavaloiu\\_ionel.pdf](http://www.cultura.postdoc.acad.ro/cursanti/sinteze/pavaloiu_ionel.pdf)

**CbN1** **Bujor Păvăloiu**, (2007), Digital Signal Processing with Matlab® Applications, Printech, 2007, (**COD CNCSIS 54**), 204p, ISBN: 978-973-718-835-9  
[http://www.printech.ro/files/arhiva\\_editura\\_printech.pdf](http://www.printech.ro/files/arhiva_editura_printech.pdf)

#### Cd Editor

**CdI1** IWSSIP 2013 Proceedings, 2013 20th International Conference on Systems, Signals and Image Processing (IWSSIP) Editors: Rodica Tuduce, **Bujor Păvăloiu**, Sorin Ionițescu, IEEE Catalog Number: CFP1355E-PRT, ISBN: 978-1-4799-0941-4  
<http://ieeexplore.ieee.org/stamp/stamp.jsp?tp=&arnumber=6623423>

#### IV. PAPERS

##### RisI – Papers in journals indexed ISI Thomson Reuters

**RisI9** Ioan Alexandru Bratosin, **Ionel Bujorel Pavaloiu**, Nicolae Goga, Andreea Iuliana Luca, (2022), Virtual Reality Application for Pain Management: User Requirements, (IJACSA) International Journal of Advanced Computer Science and Applications, Vol. 13, No. 4, pp. 351-356, 2022, **WOS:000798663200001**

**RisI8** Ioan Alexandru Bratosin, **Ionel-Bujorel Păvăloiu**, Denisa Caculidis-Tudor, Andreea I. Luca, Nicolae Goga, Ioana R. Podina, Andrei Vasilățeanu, (2021), Virtual Reality Tools for Pain Management, in Revue Roumaine des Sciences Techniques, Série Électrotechnique et Énergétique, Vol. 66, 1, pp. 63–68, Bucharest, 2021, **WOS: 000645139100011, IF 2019: 0.763**

**RisI7** Paul A. Gagniu, Constantin Ionescu-Tirgoviste, Elvira Gagniu, Manuella Militaru, Lawrence Chukwudi Nwabudike, **Bujorel Ionel Pavaloiu**, Andrei Vasilățeanu, Nicolae Goga, George Drăgoi, Irinel Popescu, Simona Dima, Spectral forecast: A general purpose prediction model as an alternative to classical neural networks, Chaos 30, 033119 (2020), pp. 1-6; doi: 10.1063/1.5120818, ISSN: 1054-1500, eISSN: 1089-7682, **WOS:000519075200001, IF 2019 2.832**, Q1 in MATHEMATICS, APPLIED and Q1 in PHYSICS, MATHEMATICAL

**RisI6** Cristian-George Dragomirescu, **Ionel-Bujorel Păvăloiu**, Raluca Ioana Guică, (2019), Aspects Regarding the Dynamics of a Biomedical System Designed to Measure Inferior Limbs, in Revue Roumaine des Sciences Techniques, Série Électrotechnique et Énergétique, No. 2/2019, Vol: 64, pp.: 173-178, ISSN: 0035-4066, **WOS:000479328200013, IF 2019: 0.763**

**RisI5** Iuliana Marin, Nicolae Goga, Andrei Vasilățeanu, **Ionel-Bujorel Pavaloiu**, (2017), Automatic Recognition of Dental Pathologies as part of A Clinical Decision Support Platform, Revue Roumaine des Sciences Techniques, Série Électrotechnique et Énergétique, no 4/2017 (Tome 62), pp. 436-441, ISSN: 0035-4066, **WOS:000423499900017, IF 2017 1.114**

**RisI4** Sebastian Marius Rosu, Luminita Rosu, George Dragoi, **Ionel Bujorel Pavaloiu**, (2015), Risk assessment of work accidents during the installation and maintenance of telecommunication networks, Environmental Engineering and Management Journal, Vol. 14, Sept. 2015, DOI: 10.30638/eemj.2015.231, ISSN: 1582-9596, eISSN: 1843-3707, **WOS:000366333900017, IF 2016: 1.096**

**RisI3** **Ionel-Bujorel Păvăloiu**, Dumitru-Iulian Năstac, Paul Dan Cristea, (2013), Phase-based neuron as a biologically plausible neuron model, Revue Roumaine des Sciences Techniques, Série Électrotechnique et Énergétique, ISSN: 0035-4066, no 2/2013 (Tome 58), pp. 215-226, **WOS:000320488100011, IF 2016: 1.036**

**RisI2** Dumitru Iulian Năstac, **Ionel Bujorel Păvăloiu**, Rodica Tuduce, Paul Dan Cristea, (2013), Adaptive Retraining Algorithm with Shaken Initialization, Revue Roumaine des Sciences Techniques, Série Électrotechnique et Énergétique, ISSN: 0035-4066, no 1/2013 (Tome 58), pp. 101-112, **WOS:000319367500011, IF 2016: 1.036**,

**RisI1** **B. Păvăloiu**, S. Cănanău, (2011), Numerical Generation of a Surface Using Generalised Normal Distribution, Journal of the Balkan Tribological Association, ISSN 1310-4772, Vol. 2, 2011, pp. 223-229, **WOS:000294036800006, IF 2015: 0.737**

##### Rio – Papers in journals with international coverage.

**Rio4** Simona Andreea Sandu, Calin Dan Neamtu, Sorin Dan Grigorescu, **Ionel Bujorel Pavaloiu**, (2017), Sistemul de simulare virtuala pentru protetica dentara. Partea I, Romanian Journal of Stomatology, Vol. LXIII, Nr. 2, 2017

<http://web.b.ebscohost.com/abstract?direct=true&profile=ehost&scope=site&authtype=crawler&jrnl=18430805&AN=124780566&h=C11CxWLFyGYKh8DCsU6pHGIOkjDsss5twp3Actd3wNgPdUGx9%2b6bLmaLQCzoRX8bZ7UutysNzaIctJTSILCK9Tg%3d%3d&crl=c&resultNs=AdminWebAuth&resultLocal=ErrCrlNotAuth&crlhashurl=login.aspx%3fdirect%3dtrue%26profile%3dehost%26scope%3dsite%26authtype%3dcrawler%26jrnl%3d18430805%26AN%3d124780566>

**Rio3** Mitrea, Dan Alexandru; Rosu, Sebastian Marius; **Pavaloiu, Ionel-Bujorel**; Dragoi, George, (2015), Business Partners Evaluation & Selection at the SMEs - A Romanian Case Study, Proceedings in Manufacturing Systems, ISSN: 20679238, Vol 10, no. 3, pp 147-152

<http://search.proquest.com/openview/c1aecbb7917a13869dec418a0789fc59/1.pdf?pq-origsite=gscholar>

**Rio2** **B. Păvăloiu**, P. Cristea, (2007), Training Spiking Neurons with Isolated Spikes Coding, U.P.B. Sci. Bull., Vol 69, No. 3/2007, Series C, Electrical Engineering, ISSN 2286-3540, eISSN 2286-3559 IDS NumberV8F5H, pp. 93-104; **WOS:000421589200008**

**Rio1** P. Cristea, **B. Păvăloiu**, Discrete event dynamic systems modeling using artificial neural networks, Revue Roumaine des Sciences Techniques, Série Électrotechnique et Énergétique, ISSN: 0035-4066, 45, no. 1/2000, pp. 75-90;

[http://www.gmachineinfo.com/wxzy/kjwx\\_view.aspx?wxdm=126224](http://www.gmachineinfo.com/wxzy/kjwx_view.aspx?wxdm=126224)

##### VisI- Papers presented at conferences indexed ISI Thomson Reuters

**VisI64** I. Petrescu, **I.B. Pavaloiu**, M. Raducanu, C.V. Marian, D.A. Mitrea, I.A. Bratosin, A. Alecu, G. Dragoi (2020) Project-Based Learning for Programmable Electronic Systems with FPGA, INTED2020 Proceedings, ISBN: 978-84-09-17939-8, ISSN: 2340-1079, 2nd-4th March, 2020, Valencia, Spain pp. 8590-8596, **WOS:000558088808110**

**VisI63** **I.B. Pavaloiu**, G. Anghelache, A. Alecu, I. Petrescu, G. Dragoi (2020) Small-Scale Trials for Autonomous Vehicles Study, INTED2020 Proceedings, ISBN: 978-84-09-17939-8, ISSN: 2340-1079, 2nd-4th March, 2020, Valencia, Spain, pp. 8607-8615, **WOS:000558088808113**

- VisI62** I.A. Bratosin, **I.B. Pavaloiu**, A. Vasilateanu, D. Gavajuc, N. Goga, (2019), Angling in Virtual Reality for Pain Relief, Proceedings of EHB 2019 IEEE International Conference on e-Health and Bioengineering, 21-23 November 2019, **WOS:000558648300146**
- VisI61** I. Marin, **B.-I. Pavaloiu**, C.-V. Marian, V. Racovita, N. Goga, (2019), Early Detection of Preeclampsia based on a Machine Learning Approach, Proceedings of EHB 2019 IEEE International Conference on e-Health and Bioengineering, 21-23 November 2019, **WOS:000558648300155**
- VisI60 I.-B. Păvăloiu**, A. Enache, A. Vasilăţeanu, G. Drăgoi, I.-A. Bratosin, A.-M. Neagu, A. Ion, N. Goga, C. I.-Târgovişte (2019) Start and Development of the Diabetes National Database in Romania, Proceedings of EHB 2019 IEEE International Conference on e-Health and Bioengineering, 21-23 November 2019, **WOS:000558648300056**
- VisI59** Ioan Alexandru Bratosin, **Ionel-Bujorel Păvăloiu**, Andrei Vasilăţeanu, Diana Gavajiuc, George Drăgoi and Nicolae Goga, (2019), Pain Relief Using Virtual Reality, ECAI 2019, International Conference, 11th Edition, Electronics, Computers and Artificial Intelligence, 27 June-29 June 2019, Pitesti, Romania, **WOS:000569985400042**
- VisI58** I. Petrescu, **I.B. Pavaloiu**, M. Raducanu, C.V. Marian, D.A. Mitrea, I.A. Bratosin, G. Dragoi, (2019), Logic Design and Programmable Logic Devices, Proceedings of 13th International Technology, Education and Development Conference , INTED2019 , ISBN: 978-84-09-08619-1, ISSN: 2340-1079, doi: 10.21125/inted.2019.2260, 11th-13th March 2019, Valencia, Spain, pp. 9093-9097, **WOS:000541042204024**
- VisI57** M. Raducanu, **I.B. Pavaloiu**, I. Petrescu, C.V. Marian, D.A. Mitrea, I.A. Bratosin, G. Dragoi, (2019), Combining Theory and Practice in Teaching Digital Signal Processing, Proceedings of 13th International Technology, Education and Development Conference , INTED2019 , ISBN: 978-84-09-08619-1, ISSN: 2340-1079, doi: 10.21125/inted.2019.2281, 11th-13th March 2019, Valencia, Spain, pp. 9202-9207, **WOS:000541042204039**
- VisI56** Ioan-Alexandru BRATOSIN, **Ionel-Bujorel PĂVĂLOIU**, Nicolae GOGA, George DRĂGOI, (2019), Autonomous Driving in Games, The 15th International Scientific Conference on eLearning and Software for Education - eLSE 2019, 11-12 April 2019, Bucharest, Romania, New Technologies and Redesigning Learning Spaces, Vol. I, ISSN: 2066-026X, DOI: 10.12753/2066-026X-19-005, pp. 46-52, **WOS: 000473322400005**
- VisI55** Alin Adrian ALECU, **Bujor Ionel PAVALOIU**, Ciprian Gabriel DOBRE-TRIFAN, (2019), A Novel Free Cloud Service for Machine Learning and Beyond, The 15th International Scientific Conference on eLearning and Software for Education - eLSE 2019, 11-12 April 2019, Bucharest, Romania, New Technologies and Redesigning Learning Spaces, Vol. I, ISSN: 2066-026X, DOI: 10.12753/2066-026X-19-030, pp. 221-227, **WOS: 000473322400030**
- VisI54** Ramona Cristina POPA, **Bujor PAVALOIU**, Nicolae GOGA, (2019), Providing Semantically-Enabled Information for SmES knowledge workers: Multi-agent-based middleware, The 15th International Scientific Conference on eLearning and Software for Education - eLSE 2019, 11-12 April 2019, Bucharest, Romania, New Technologies and Redesigning Learning Spaces, Vol. I, ISSN: 2066-026X, DOI: 10.12753/2066-026X-19-046, pp. 341-349, **WOS: 000473322400046**
- VisI53** Iuliana Marin, Nicolae Goga, **Ionel-Bujorel Pavaloiu**, Maria-Iuliana Dascalu, Ionut Draghici and Melania Niţu, (2018), Ambient Assisted Control using Smart Luminaires, IEEE Proceedings of Zooming Innovation in Consumer Technologies Conference (ZINC), Novi Sad, Serbia, May 30-31, 2018, pp. 123-127, ISBN: 978-1-5386-4927-5, **WOS:000493073200030**
- VisI52 Pavaloiu Ionel Bujorel**, Mzoughi Mohamed Yassine, Vasilateanu Andrei, Goga Nicu, (2018), Learning to Drive Cars in Large Cities, Proceedings of the 14th eLearning and Software for Education Conference - eLSE 2018, 19-20 Apr. 2018, Bucharest, Romania, Elearning Challenges and New Horizons, vol 1, pp. 313-319, DOI: 10.12753/2066-026X-18-043, ISSN: 2066-026X, **WOS:000468621200043**
- VisI51 Pavaloiu Ionel Bujorel**, Cretoiu Paul-Andrei, Vasilateanu Andrei, Goga Maria, (2018), "Romania 100 - I choose Romania" Virtual Reality Project, The 14th eLearning and Software for Education Conference - eLSE 2018, 19-20 Apr. 2018, Bucharest, Romania, Elearning Challenges and New Horizons, vol. 2, pp. 247-253, DOI: 10.12753/2066-026X-18-104, ISSN: 2066-026X, **WOS:00046746680003**
- VisI50** Constantin Viorel MARIAN, **Ionel Bujorel PĂVĂLOIU**, Victor CROITORU, (2018), Automatic Allocation Mechanism for Virtual Machines Interface Addresses, The 12 th International Conference on COMMUNICATIONS (COMM) 2018, Bucharest, pp. 403-406, ISBN:978-1-5386-2350-3, ISSN: 1550-3607, **WOS:000449526000076**
- VisI49 I.B. Pavaloiu**, M. Raducanu, I. Petrescu, G. Dragoi, (2018), Programming Environments for Learning Digital Signal Processing, 12th International Technology, Education and Development Conference INTED 2018 Proceedings, pp. 6376-6383, DOI: 10.21125/inted.2018.1502, ISBN:978-84-697-9480-7 , ISSN: 2340-1079, **WOS:000448704001056**
- VisI48 I.B. Pavaloiu**, I. Petrescu, M. Raducanu, G. Dragoi, (2018), Software Applications for Teaching Digital Design, 12th International Technology, Education and Development Conference INTED 2018 Proceedings, pp. 7457-7463, DOI: 10.21125/inted.2018.1755, ISBN:978-84-697-9480-7 , ISSN: 2340-1079, **WOS:000448704002069**
- VisI47** I. Marin, A. Vasilateanu, **B. Pavaloiu**, N. Goga, (2018), User Requirements and Analysis of Preeclampsia Detection Done through a Smart Bracelet, 12th International Technology, Education and Development Conference INTED 2018 Proceedings, pp. 8567-8576, DOI: 10.21125/inted.2018.2080, ISBN:978-84-697-9480-7 , ISSN: 2340-1079, **WOS:000448704003081**
- VisI46** A. Vasilateanu, I. Marin, **B. Pavaloiu**, (2018), Programmers' Professional Development Monitoring System, 12th International Technology, Education and Development Conference INTED 2018 Proceedings, pp. 9123-9126, doi: 10.21125/inted.2018.2225, ISBN:978-84-697-9480-7 , ISSN: 2340-1079, **WOS:000448704004022**

**VisI45** V.E.S. Codarnai, T.I. Codarnai, C. Chivulescu, A.S. Lica, **I.B. Pavaloiu**, A.M. Neagu, C. Mustata, L.M. Mateescu, (2018), Entrepreneurship in Business Administration and Engineering Education – “NXT Soft” Case Study, 11th International Conference of Education, Research and Innovation, ICERI2018 Proceedings, ISBN: 978-84-09-05948-5, pp. 3331-3336, **WOS:000562759303062**

**VisI44 I.B. Pavaloiu**, A.M. Neagu, C. Mustata, M.I. Dascalu, G. Dragoi, I. Marin, A.D. Mitrea, L.M. Mateescu, (2018), Data and Signal Processing for Business, 11th International Conference of Education, Research and Innovation, ICERI2018 Proceedings, ISBN: 978-84-09-05948-5, pp. 6147-6150, **WOS:000568991701065**

**VisI43** Iuliana Marin, Naseer Abdulkarim Jaber Al-Habeeb, Nicolae Goga, Andrei Vasileteanu, **Ionel-Bujorel Pavaloiu** and Costin Boiangiu, Improved M-Government based on Mobile WiMAX, CSCS21 2017, Control Systems and Computer Science (CSCS), 2017 21st International Conference on, pp 37 – 42, DOI: 10.1109/CSCS.2017.12, ISBN:978-1-5386-1839-4, **WOS:000449004400005**

**VisI42** Ionut-Catalin Draghici, Monica Nastasia Mihailescu, Laurentiu Ilie Guta, Andrei Vasileteanu, **Bujor Pavaloiu**, Iuliana Boicor, Arthur Molnar and Nicolae Goga, A quantitative research to decide the user requirements for the i-Light System, CSCS21 2017, Control Systems and Computer Science (CSCS), 2017 21st International Conference on, pp 143 – 148, DOI: 10.1109/CSCS.2017.26, ISBN:978-1-5386-1839-4, **WOS:000449004400019**

**VisI41** Iuliana Marin, Nicolae Goga, Andrei Vasileteanu, **Ionel-Bujorel Pavaloiu**, (2017), Integrated Platform for Extracting Dental Knowledge Imaging and 3D Modeling, 6th IEEE International Conference on E-Health and Bioengineering (EHB) 2017, pp. 157-160, ISBN:978-1-5386-0358-1, ISSN: 2575-5137, ISSN:2575-5145, **WOS: 000445457500040**

**VisI40 Ionel-Bujorel Păvăloiu**, Robert Ancuceanu, Claudia-Maria Enache, Andrei Vasilăteanu, (2017), Important Shape Features for Romanian Medicinal Herb Identification Based on Leaf Image, 6th IEEE International Conference on E-Health and Bioengineering (EHB) 2017, ISBN:978-1-5386-0358-1, ISSN: 2575-5137, eISSN: 2575-5145, **WOS:000445457500150**

**VisI39** I.C. Mustata, **I.B. Pavaloiu**, R.I. Guica, E.L. Trifan, A.M. Neagu, (2017), Requirements and Solutions for the Development of Curricular and Extracurricular Competences at the Faculty of Engineering in Foreign Languages, INTED2017 Proceedings, pp. 7653-7659, DOI: 10.21125/inted.2017.1773, ISBN:978-84-617-8491-2, ISSN: 2340-1079, **WOS:000427401302098**

**VisI38** Ana-Maria Neagu, **Ionel-Bujorel Păvăloiu**, George Drăgoi, (2017), Ranking Universities by internationalization-Where is the student’s opinion?, INTED2017 Proceedings, pp. 3749-3756, DOI: 10.21125/inted.2017.0916, ISBN:978-84-617-8491-2, ISSN: 2340-1079, **WOS:000413668603113**

**VisI37 I.B. Pavaloiu**, (2016), Games as Student Groundwork for Business Management Training, Edu World 7th International Conference, European Proceedings of Social and Behavioural Sciences, Volume: 23 Pages: 1016-+, DOI: 10.15405/epsbs.2017.05.02.125, ISSN: 2357-1330, **WOS:000411319000124**

**VisI36 I.B. Pavaloiu**, (2016), Leap Motion Technology in Learning, Edu World 7th International Conference, European Proceedings of Social and Behavioural Sciences, Volume: 23 Pages: 1025-+, DOI: 10.15405/epsbs.2017.05.02.126, ISSN: 2357-1330, **WOS: 000411319000125**

**VisI35** Draghici, Ionut-Catalin; Vasileteanu, Andrei; Goga, Nicolae; **Pavaloiu, Bujor**; Guta, Laurentiu; Mihailescu, Monica; Boiangiu, Costin-Anton, (2017), Indoor positioning system for location based healthcare using trilateration with corrections, 2017 International Conference on Engineering, Technology and Innovation (ICE/ITMC), Portugal, Jun 27-29, 2017, pp. 169-172, ISBN:978-1-5386-0774-9, ISSN: 2334-315X, **WOS:000464318300025**

**VisI34** I.C. Mustata, **I.B. Pavaloiu**, I.R. Guica, E.L. Trifan, A.M. Neagu, (2017), Case Study Gamelearn: A Concept for Supporting Extracurricular Competence Development for Students, EDULEARN17, 9th International Conference on Education and New Learning Technologies, Barcelona, Spain, Jul 03-05, 2017, pp 2705-2707, ISBN:978-84-697-3777-4, ISSN: 2340-1117, **WOS:000491356002119**

**VisI33 I.B. Pavaloiu**, V. Dinu, T. Codârna, (2016), Inexpensive Design and Control for a Robotic Hand, ICERI2016, the 9th annual International Conference of Education, Research and Innovation, Seville (Spain), 14-16 November 2016, pp. 1732-1740, DOI: 10.21125/iceri.2016.1391, ISBN:978-84-617-5895-1, ISSN: 2340-1095, **WOS:000417330201112**

**VisI32 I.B. Pavaloiu**, N. Goga, A. Vasileteanu, I. Marin, (2016), 3D Reconstruction from CBCT Data used in Dentistry Learning, ICERI2016, the 9th annual International Conference of Education, Research and Innovation, Seville (Spain), 14-16 November 2016, pp. 5020-5029, DOI: 10.21125/iceri.2016.2196, ISBN:978-84-617-5895-1, ISSN: 2340-1095, **WOS:000417330205010**

**VisI31** Neagu Trocmaer Ana Maria, **Bujor Pavaloiu**, George Dragoi, (2016), Female Entrepreneurship in Romania, a Higher Education Perspective, Proceedings of the 28th International Business Information Management Association Conference, IBIMA 2016, Nov 09-10, pp. 2408-2418, ISBN:978-0-9860419-8-3, **WOS:000392785700244**

**VisI30** Andrei Vasileteanu, Nicolae Goga, **Bujor Păvăloiu**, Laurentiu Guta, Monica Mihailescu, (2016), Testing Wi-Fi and Bluetooth Low Energy technologies for a hybrid indoor positioning system, 2nd Annual IEEE International Symposium on Systems Engineering (ISSE), Oct 3-16, 2016, pp. 22-26, ISBN: 978-1-5090-0793-6, **WOS:000391238500004**

**VisI29** Iuliana Marin, Nicolae Goga, **Bujor Păvăloiu**, Andrei Vasileteanu, (2016), AIMMS System Framework: Automatic Dental Pathologies Recognition from DICOM files, 2nd Annual IEEE International Symposium on Systems Engineering (ISSE) Oct 3-16, 2016, pp. 81-85, ISBN: 978-1-5090-0793-6, **WOS:000391238500014**

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07.11.2022