

Application for habilitation

Domain:

Engineering and Management

CNATDCU Commission

Industrial Engineering and Management

## LIST OF PAPERS

Candidate : Slavici Titus, Ph.D. in Engineering / since 28.06.1995

Ph.D. in Finances / since 07.08.2006

University professor / since 01.10.1999

Politehnica University of Timisoara

Faculty of Mechanical Engineering

Department of Mechanical Machines, Equipments and Transports

List of the works included in the certification file

Nr. Crt.	Paper included in the file
1.	Artificial intelligence, Titus Slavici, ,ISBN 973-687-375-7
2.	The use and programming of computers, FLORIN MOLNAR-MATEI,ADRIANA BEBEȘELEA,Alin vasile MNERIE,MIRCEA KREPELKA,Ioan GROZA,Veronica KÜRTI, Antonela KÖRÖSI,GABRIELA VICTORIA mnerie,Liliana DORNEANU, Titus SLAVICI, isbn 978-973-687-625-7
3.	Artificial intelligence techniques : an efficient new approach to challenge the assessment of complex clinical fields such AS Airway Clearance Techniques in patients WITH CYSTIC FIBROSIS?,Titus Slavici, PhD1 and Bogdan Almajan, PhD2, <i>From the "Ioan Slavici" University, Timisoara and "Politehnica" University, Timisoara, Romania</i>
4.	MODULAR STRUCTURES OF NUMERICAL MANAGEMENT OF PROCESSES FOR THE PROCESSING OF MATERIALS AND NANOTECHNOLOGIES, Titus SLAVICI1 , Virgil TIPONUT, Alin Vasile MNERIE, Dumitru MNERIE, <i>Nonconventional Technologies Review – no. 1/2009</i>
5.	PARTICULAR ASPECTS OF MODERN AUTOMATION OF ELECTRICAL EROSION MACHINE WITH WIRE ELECTRODE, Alin MNERIE , Florin MOLNAR-MATEI, Aurel NANU , Titus SLAVICI, Dumitru MNERIE, <i>Nonconventional Technologies Review – no. 3/2011</i>
6.	SOME ASPECTS OF AUTOMATED ELECTRICAL EROSION MACHINE WITH WIRE ELECTRODE, Alin MNERIE, Aurel NANU, Dumitru MNERIE, Titus SLAVICI, <i>Nonconventional Technologies Review – no. 1/2009</i>
7.	THE CONTROL OF THE ELECTRICAL EROSION PROCESSING WITH WIRE ELECTRODE FOR PROCESSED PARTS QUALITY INCREASING Alin Vasile MNERIE, Titus SLAVICI, Gabriela Victoria ANGHEL, Dumitru ȚUCU, ,Dumitru MNERIE, <i>Nonconventional Technologies Review – no. 3 / 2007</i>
8.	DEVELOPMENT OF ECONOMICAL AND EFFICIENT MIXED REACTIVE CARBONATES FOR PEPTIDE SYNTHESIS THROUGH SCIENTIFIC PLANNING. ,Doina Darvasi, Titus Slavici and Alin Mnerie
9.	ASPECTS REGARDING THE ECONOMIC STUDY OF THE BIOETHANOL OBTAINED BY DEVELOPMENT OF A NEW ENVIRONMENTALLY FRIENDLY PRETREATED

	METHODE Corina Macarie <sup>a</sup> , Adriana Bebeșeala <sup>b*</sup> , Ionel Balcu <sup>a</sup> , Titus Slavici <sup>b</sup> , Doina Darvasi <sup>b</sup> ,
10.	THE QUALITY OF BIOMASS PRODUCTION TECHNICAL SYSTEMS, Dumitru MNERIE, Titus SLAVICI, Aurel CRACALIANU, Dumitru ȚUCU, AGIR BULLETIN nO. 2-3/2009 • APRIL-SEPTEMBER

### 1 . PhD thesis:

#### PhD in Engineering:

T Slavici, *Contributions to the MUCN Computer Assisted Design for the processing of complex geometric entities*,. Timisoara, 1994.

#### PhD in Finances:

T. Slavici, *Optimization of the financial management by using artificial intelligence*, Timisoara, 2006.

**2. Books, manuals, lectures published by editors from Romania or abroad (Ca1, Ca2, etc), guides/problems published (I1, I2, etc), functional laboratory guidelines, etc (D1, D2, etc), lectures/courses on the web, e-learning systems (W1, W2, etc), and other works (M1, M2, etc) that contribute to the development of teaching/professional activities.**

Ca	<b>Books/manuals/lectures published by CNCSIS acknowledged editors (single/first author or co-author)</b>
	T.Slavici, Ș.Popa, K. Herman - "Programming language. C", Ed. Eurostampa, Timișoara 2007, ISBN: 978-973-687-608-0
	T.Slavici – „Artificial intelligence – Fundamental elements and applications in the technical and economic field”, 2006, Ed. Eurostampa, ISBN : 973-687-375-7
	T.Slavici – “Applications of the artificial intelligence in the economic and technical field”, , 2007, Ed. Mirton, ISBN : 978-973-52-0211-8
	T.Slavici, I.Groza,D.Gubencu, A.V.Mnerie, G.V. Mnerie, A.Han, L. Dorneanu, V. Bivolaru, A. Körösi - "The fundamentals of computer use", 2007, Ed. Eurostampa, ISBN : 978-973-687-625-7
	D.Darvasi, L. Dorneanu, A. Bădescu, M. Untaru, T. Slavici – “Expert systems and neuronal networks in economy and technics”, 2010, Ed. Eurostampa, ISBN : 978-606-569-202-2
	I.R.Stanciu, A.Bebeșeala, A.V.Mnerie, M.Krepelka, I.Groza, V.Kurti, A.Korosi, G.V.Mnerie, L.Dorneanu, Titus Slavici – „The use of computers in the economic field”, 2013, Ed.Eurostampa, ISBN: 978-606-569-534-4
	I.Ștefan, A.Bebeșeala, Titus Slavici – „Public finances and fiscality in Romania” ,2013, Ed. Eurostampa, ISBN: 978-606-569-528-3
	A.Bebeșeala, Titus Slavici, A.Simulescu, L.Cernescu – „Money and debt. Monetary and financial economy”., 2012, Ed.Eurostampa, ISBN : 978-606-8480-07-7
	A.Bebeșeala, Titus Slavici, D.Albu – „ Money and international financial relations. Public budget and treasury”, 2012, Ed.Eurostampa, ISBN : 978-606-8480-06-0
	L.Herman, T.Slavici – „Clasic and object oriented programming techniques”, 2013, Ed. Mirton, ISBN : 978-973-52-1319-0, Ed. FIS ISBN:978-606-8480-14-5
I	<b>Îndrumar/ culegere de probleme (publicat sau disponibil pe Web)</b> <b>Guidelines/problems solving guidelines (published or on the Internet)</b>
	T. Slavici, Ș. Popa, K. Hermann - "Programming languages – Techniques for laboratory and projects ", Ed. Fundației „Ioan Slavici” Timișoara 2009 , ISBN : 978-973-88962-3-9
D	<b>Functional laboratory systems</b>
	Timisoara Polytechnic Institute’s integrated systems laboratory
	Technology laboratory “Ioan Slavici” University – room 204
	Computer Assisted Design CAM processing laboratory – room 310

W	<b>Using e-learning/online/multimedia teaching/learning/assessment systems</b>
	HURO/ 0801/036 – Towards a new quality in the Romanian and Hungarian university systems. Cross-border center for the implementation and monitoring of quality – Lead Partner Timisoara Ioan Slavici Foundation, partner: University of Szeged
	HURO/ 0801/066 - Developing a joint partnerships and management of quality in the university scientific research according to the principles of sustainable development – in partnership with the University of Nyregyhaza
	Cross-border initiative for research and development activities, (and) cooperation between economy and scientific educational institutions, in Serbian and Romanian historical Banat, as contribution to competitiveness improvement and regional identity, according to EU standards, IPA 136 Cod MIS-ETC 507
M	<b>Modules for continuous training (beneficiaries from the industry field)</b>
	Marketing and computer assisted optimization for renewable energies, 2008/2009 Research contract, Beneficiary: UTS Biogastechnik
	Contract no 28/2008: Interdisciplinary studies center for the development of products and technologies, “Ioan Slavici” Foundation
	Marketing studies in web applications and the optimization of web development, Project 1/08.06.2008
	Founding of an Interdisciplinary research and development center for products and technologies, “IS*K”, 169/25.03.2008

**3. Books/chapters in specialty literature, published by acknowledged editors in Romania or abroad (Cb1, Cb2, etc), articles/studies published in journals in Romania/abroad, with impact factor/indexed in BDI (R1, R2, etc)/not indexed in BDI (R1, R2, etc), artistic creations presented at acknowledged events in Romania or abroad (A1, A2, etc), articles/studies published in national or international events’ volumes BDI indexed/ not BDI indexed (V1, V2, etc) as well as other works (N1, N2, etc) that contribute to the scientific development of the field**

Cb	<b>Specialty books/chapters published by editors acknowledged by CNCSIS in Romania</b>
	Stanciu I.R., Kurti V., Bebeșelea A., Korosi A., Mnerie A.V., Mnerie G.V., Krepelka M., Dorneanu M., Groza I., Slavici T., Stanciu I.R., Kurti V., Bebeșelea A., Korosi A., Mnerie A.V., Mnerie G.V., Krepelka M., Dorneanu M., Groza I., Slavici T., <i>The use of computers in economy</i> , Timișoara: Editura Fundației pentru Cultură și Învățământ ”Ioan Slavici”, Editura Eurostampa, 2013.
R	<b>Articles published in ISI rated journals, with impact factor</b>
	Teodora D, Mircea U, Titus Slavici, Adriana B, Tiberiu C, Adriana B,(2011). „European projects - An Interdisciplinary Field Of Expertise for the Regional Development”, The 5th WSEAS International Conference on Management, Marketing and Finances Playaa Meloneras, Gran Canaria, Canary Islands, Spain, pp. 344-350 quoted by : Jean-Vasile Andrei, Doina Darvasi (2011), „Perspectives and challenges in financing the new Common Agricultural Policy, a new paradigm”, Journal of Food, Agriculture & Environment 10(1):493-497 Este jurnal ISI cu scor de influenta 0,20399 - SCI RES ESSAYS ISSN : 1992-2248
	Teodora D, Mircea U, Titus Slavici, Adriana B, Tiberiu C, Adriana B,(2011), „European projects - An Interdisciplinary Field Of Expertise for the Regional Development”, The 5th WSEAS International Conference on Management, Marketing and Finances Playaa Meloneras, Gran Canaria, Canary Islands, Spain, pp. 344-350 quoted by : Ion Ioniță, Jean Andrei, Florin Aurelian Popescu (2011): „Implications of environment regulations on industrial development, under the conditions of adopting the EU-ETS scheme in Romania: An analysis”, Scientific Research and Essays Vol. 6(27): 1992-2248, DOI: 10.5897/SRE11.641. The journal is indexed in: ISI Journal Master List, Scopus, Chemical Abstracts EBSCO, InsexCopernicus SCI RES ESSAYS ISSN :

	1992-2248, SRI : 0,20399
	Teodora D, Mircea U, Titus Slavici, Adriana B, Tiberiu C, Adriana B,(2011). “European projects - An Interdisciplinary Field Of Expertise for the Regional Development”, The 5th WSEAS International Conference on Management, Marketing and Finances Playaa Meloneras, Gran Canaria, Canary Islands, Spain, pp. 344-350 quoted by : M. Untaru , V.Rotărescu and A. Bebeșelea (2011) : „Challenges in valuing the green energy potential: A case study for energetic plants production and investments in Romania”, WFL Publisher Science and Technology Meri-Rastilantie 3 B, FI-00980 Helsinki, Finland, e-mail: info@world-food.net Journal of Food, Agriculture & Environment Vol.10 (3&4): 1550 -1554 . 2012, J FOOD AGRIC ENVIRON – 1459-0255 – SRI : 0,20915 (The journal is indexed by în ISI Journal Master List)
	Darvasi, D., Dorneanu, L., Bebeșelea, A., Untaru, M., Slavici Titus (2010) „Expert systems and neuronal networks in economy and technics” Editura Eurostampa, Timișoara quoted by : M. Untaru , V.Rotărescu and A. Bebeșelea (2011) : „Challenges in valuing the green energy potential: A case study for energetic plants production and investments in Romania”, WFL Publisher Science and Technology Meri-Rastilantie 3 B, FI-00980 Helsinki, Finland, e-mail: info@world-food.net Journal of Food, Agriculture & Environment Vol.10 (3&4): 1550 -1554 . 2012 J FOOD AGRIC ENVIRON – 1459-0255 – SRI : 0,20915 (Indexed in the ISI Journal Master List)
	Slavici, Titus. 2006. “Artificial Intelligence”. Eurostampa Publishing House. Timisoara, Romania. 208 p. quoted by : Mircea Untaru, Vasile Rotărescu, Liliana Dorneanu (2012): „Artificial neural networks for sustainable agribusiness: A case study of five energetic crops. Redes neurales artificiales para agronegocios sostenibles: Un caso de estudio de cinco cultivos energéticos” AGROCIENCIA, 1 de julio - 15 de agosto, 2012, VOLUMEN 46, NÚMERO 5 , 1405-3195 (Journal with SRI : 0,49180) <a href="http://www.colpos.mx/agrocien/Bimestral/2012/jul-ago/art-8.pdf">http://www.colpos.mx/agrocien/Bimestral/2012/jul-ago/art-8.pdf</a>
	<b>Articles published in journals BDI indexed</b>
	Teodora D, Mircea U, Titus Slavici, Adriana B, Tiberiu C, Adriana B,(2011). “European projects - An Interdisciplinary Field Of Expertise for the Regional Development”, The 5th WSEAS International Conference on Management, Marketing and Finances Playaa Meloneras, Gran Canaria, Canary Islands, Spain, pp. 344-350 quoted by : Jean Andrei, Dorel Dusmanescu, Marius Voicilas (2011), „Common Market Organization a new challenge in reforming the Common Agricultural Policy, Economics of Agriculture”, Vol.LVIII CSI-1 (1-412), 2011, UDC 338.43:63, YU ISSN 0352-3462, Vol. 58 (3): 271-278). The journal in indexed in: AgroekonSerach/Repec, EBSCO, Ulrich, Cambell`s).
	Dumitru M, Titus Slavici, Liviu H, Mircea U(2011), „Security relationship in manufacturing process”, The 5th WSEAS International Conference on Management, Marketing and Finances Playaa Meloneras, Gran Canaria, Canary Islands, Spain, pp.247-251 quoted by : Brezuleanu Stejarel, Brezuleanu Carmen Olguta, Ungureanu George, Ungureanu Adrian (2011): „Agricultural and touristical potential of North Eastern Development Region”, Economics of Agriculture, Vol.LVIII CSI-1 (1-412), 2011, UDC 338.43:63, YU ISSN 0352-3462, Vol. 58 (3):47-53 (The journal in indexed in: AgroekonSerach/Repec, EBSCO, Ulrich, Cambell`s)
	Teodora D, Mircea U, Titus Slavici, Adriana B, Tiberiu C, Adriana B,(2011). “European projects - An Interdisciplinary Field Of Expertise for the Regional Development”, The 5th WSEAS International Conference on Management, Marketing and Finances Playaa Meloneras, Gran Canaria, Canary Islands, Spain, pp. 344-350 quoted by : Arion, Iulia Muresan, Claudiu Cicea (2011): „Demand for rural tourism services. Case of Tarnava Mare Area, Romania” , Economics of Agriculture, Vol.LVIII CSI-1, UDC 338.43:63, YU ISSN 0352-3462, Vol. 58(3):237-243 (The journal in indexed in: AgroekonSerach/Repec, EBSCO, Ulrich, Cambell`s)
	<b>Articles/studies published in specialty journals not BDI indexed</b>
	<b>International journals:</b>
	-
	<b>National journals:</b>
	-
B	<b>Invention patents in Romania:</b>
	-
V	<b>Articles/studies published in volumes of scientific events, that are BDI indexed:</b>
	Mihai-Emanuel Basch, David-George Cristea, Virgil Tiponut, Titus Slavici - “Computer Aided

<p>Decision in Cataract Surgery” 192-196 LATEST TRENDS on SYSTEMS (Volume II) 14th WSEAS International Conference on SYSTEMS (Part of the 14th WSEAS CSCC Multiconference) (Volume II) Corfu Island, Greece, July 22-24, 2010, Indexed ACM</p>
<p>Zoltan Haraszty, Sebastian Micut, Virgil Tiponut, Titus Slavici – “An Adaptive Control Strategy for a Five-Fingered Prosthetic Hand” 399-405 LATEST TRENDS on SYSTEMS (Volume II) 14th WSEAS International Conference on SYSTEMS (Part of the 14th WSEAS CSCC Multiconference) (Volume II) Corfu Island, Greece, July 22-24, 2010, Indexed ACM</p>
<p>Zoltan Haraszty, David-George Cristea, Virgil Tiponut, Titus Slavici – “ On Designing an Experimental Navigation System” 411-417 LATEST TRENDS on SYSTEMS (Volume II) 14th WSEAS International Conference on SYSTEMS (Part of the 14th WSEAS CSCC Multiconference) (Volume II) Corfu Island, Greece, July 22-24, 2010, Indexed ACM</p>
<p>Calin Jebelean, Ciprian-Bogdan Chirila, Titus Slavici, Vladimir Cretu - “Face Detection Using a Dual Cross-Validation of Chrominance/Luminance Channel Decisions and Decorrelation of the Color Space “ 385-391 LATEST TRENDS on SYSTEMS (Volume II) 14th WSEAS International Conference on SYSTEMS (Part of the 14th WSEAS CSCC Multiconference) (Volume II) Corfu Island, Greece, July 22-24, 2010 , Indexed ACM</p>
<p>Titus Slavici, Dumitru Mnerie, Liviu Hermann, Gheorghe Catalin Crisan – “Optimization of University Costs using Artificial Neural Networks “ , Recent Researches in Sociology, Financing, Environment and Health Sciences“ ISBN: 978-960-474-287-5 10, p 200-205, 5th WSEAS International Conference on MANAGEMENT, MARKETING and FINANCES (MMF '11), ,Playa Meloneras, Gran Canaria, Canary Islands, Spain, March 24-26, 2011 ,ISBN: 978-960-474-287-5,ISSN: 2221-9641 Published by WSEAS Press ISSN: 2221-9668 ,www.wseas.org ISSN: 2221-9684, Indexed EBSCO, SCOPUS</p>
<p>Liliana Dorneanu, Adriana Bebeselea, Alin Mnerie, Titus Slavici, Dumitru Mnerie – “A Study of Consumer Preferences for E-Retailers’ Attributes: An Application of Conjoint Analysis”, p. 205-210, Recent Researches in Sociology, Financing, Environment and Health Sciences ISBN: 978-960-474-287-5 10, 5th WSEAS International Conference on MANAGEMENT, MARKETING and FINANCES (MMF '11), Playa Meloneras, Gran Canaria, Canary Islands ,Spain, March 24-26, 2011 ,ISBN: 978-960-474-287-5,ISSN: 2221-9641 Published by WSEAS Press ISSN: 2221-9668 ,www.wseas.org ISSN: 2221-9684 Indexed EBSCO, SCOPUS</p>
<p>Dumitru Mnerie, Titus Slavici, George Catalin Crisan, Liviu Herman, Mircea Untaru – “Public Knowledge Base System for Public eProcurement: A Conceptual Model” , Recent Researches in Sociology, Financing, Environment and Health Sciences ISBN: 978-960-474-287-5 10, p 247-251, 5th WSEAS International Conference on MANAGEMENT, MARKETING and FINANCES (MMF '11), Playa Meloneras, Gran Canaria, Canary Islands ,Spain, March 24-26, 2011 ,ISBN: 978-960-474-287-5,ISSN: 2221-9641 Published by WSEAS Press ISSN: 2221-9668, www.wseas.org ISSN: 2221-9684, Indexed EBSCO, SCOPUS</p>
<p>Titus Slavici, Dorel Andras, Doina Darvasi, Liliana Dorneanu, Adriana Badescu – “Risk In Microfinance Credit - Case Study for Romania, Bulgaria and Moldova”, Recent Researches in Sociology, Financing, Environment and Health Sciences ISBN: 978-960-474-287-5 10, p 327-333, 5th WSEAS International Conference on MANAGEMENT, MARKETING and FINANCES (MMF '11), ,Playa Meloneras, Gran Canaria, Canary Islands ,Spain, March 24-26, 2011 ,ISBN: 978-960-474-287-5,ISSN: 2221-9641 Published by WSEAS Press ISSN: 2221-9668 ,www.wseas.org ISSN: 2221-9684, Indexed EBSCO, SCOPUS</p>
<p>Teodora Dogaru, Mircea Untaru, Titus Slavici, Adriana Bebeselea, Tiberiu Ciobanu, Alexandra Dogaru, Adriana Badescu – “Nanobiotechnology for Improving Transdermal Drug Delivery”, Recent Researches in Sociology, Financing, Environment and Health Sciences ISBN: 978-960-474-287-5 10 p. 344-350,5th WSEAS International Conference on MANAGEMENT, MARKETING and FINANCES (MMF '11), Playa Meloneras, Gran Canaria, Canary Islands ,Spain, March 24-26, 2011 ,ISBN: 978-960-474-287-5,ISSN: 2221-9641 Published by WSEAS Press ISSN: 2221-9668 ,www.wseas.org ISSN: 2221-9684, Indexed EBSCO, SCOPUS</p>
<p>Alin Vasile MNERIE, Titus SLAVICI, Gabriela Victoria ANGHEL, Dumitru ȚUCU, Dumitru MNERIE -"THE CONTROL OF THE ELECTRICAL EROSION PROCESSING WITH WIRE ELECTRODE FOR PROCESSED PARTS QUALITY INCREASING" Nr3/2007 ARTN Journal, ISSN 2359 – 8646; ISSN-L 2359 – 8646; On-line: ISSN 2359 – 8654; ISSN-L 2359 – 8646,</p>

indexed COPERNICUS CNCSIS B+ si Pro Quest
Alin Vasile MNERIE, Aurel NANU, Titus SLAVICI, Dumitru MNERIE - "WIRE DISPLACEMENT IN ELECTRICAL EROSION PROCESSING WITH WIRE ELECTRODE USING MICROCONTROLLER PIC" Nr 2/2007 ARTN, Journal ISSN 2359 – 8646; ISSN-L 2359 – 8646; On-line: ISSN 2359 – 8654; ISSN-L 2359 – 8646, indexed COPERNICUS CNCSIS B+ și Pro Quest
Titus SLAVICI, Virgil TIPONUȚ, Alin-Vasile MNERIE, Dumitru MNERIE- "MODULAR STRUCTURES OF NUMERICAL MANAGEMENT OF PROCESSES FOR THE PROCESSING OF MATERIALS AND NANOTECHNOLOGIES" Nr1/2009, ARTN Journal , ISSN 2359 – 8646; ISSN-L 2359 – 8646; On-line: ISSN 2359 – 8654; ISSN-L 2359 – 8646, indexed COPERNICUS CNCSIS B+ și Pro Quest
Alin MNERIE, Aurel NANU, Dumitru MNERIE, Titus SLAVICI - "SOME ASPECTS OF AUTOMATED ELECTRICAL EROSION MACHINE WITH WIRE ELECTRODE", Nr1/2009 ARTN Journal, ISSN 2359 – 8646; ISSN-L 2359 – 8646; On-line: ISSN 2359 – 8654; ISSN-L 2359 – 8646, indexed COPERNICUS CNCSIS B+ și Pro Quest
Dumitru Mnerie, Dumitru Tucu, Titus Slavici - "Aspects of quality management in private technical educational settings", Agir Bulletin, ISSN-L 1224-7928, Online: ISSN 2247-3548, indexed BDI: INDEX COPERNICUS INTERNATIONAL, ACADEMIC KEYS, getCITED
Dumitru MNERIE, Titus SLAVICI, Aurel CRACALIANU, Dumitru ȚUCU - " THE QUALITY OF TECHNICAL SYSTEMS FOR THE PRODUCTION OF BIOGASS" , AGIR Bulletin no. 2-3/2009 april-september, ISSN-L 1224-7928, Online: ISSN 2247-3548, BDI: INDEX COPERNICUS INTERNATIONAL, ACADEMIC KEYS, get CITED
Aurel Nanu, Titus Slavici, Alin Vasile Mnerie - " The role of automation in increasing the quality of processing of equipments for using non-conventional technologies" AGIR Bulletin , ISSN-L 1224-7928, Online: ISSN 2247-3548, BDI: INDEX COPERNICUS INTERNATIONAL, ACADEMIC KEYS, getCITED
<b>Article/studies published in volumes of scientific events, not BDI indexed</b>
T.Slavici, M. Untaru - „Cross-border co-operation network in renewable energy for business”, p. 131-136, Proceedings of International Scientific Conference „Quality Increase in Higher Education Teaching through Innovative Methods”, Vrsac, Serbia, march 2012, Cross Border Cooperation, ISBN : 978-86-7372-146-0
T.Slavici , A. Bădescu – “Analysis of needs and possible alternatives for infrastructure projects ” p. 136-141, Proceedings of International Scientific Conference „Quality Increase in Higher Education Teaching through Innovative Methods” Vrsac, Serbia, march 2012, Cross Border Cooperation, ISBN : 978-86-7372-146-0
D. Mnerie, D.Țucu, T. Slavici, N. Mirica – “Role of scientific and technological park “Tim Science Park” in quality management of higher education”, Conference „Transnational sustainable methods for quality increase in higher education”, Timișoara 26 oct 2011, Cross Border Cooperation RO-SRB, ISBN 978-606-569-306-7, ISBN 978-86-7372-139-2
D. Mnerie, D.Țucu, T. Slavici, N. Mirica - "The strategy elements for agri-foodstuffs research in “Tim Science Park” , Proceedings of the 5 th International conference Integrated Systems for Agri-Food Production SIPA Conferences '07, Sibiu 22-24.11.2007, ISBN 978-973-638-348-9
D. Mnerie, A. Cracalianu, T.Slavici – “Plant for biogas obtaining and exploitation destined for an integrated system of agro-food production”, Proceedings of the 6th Internațional Conference, SIPA Conference '09 Nyregyhaza, HU, 12-14.11.2009, ISBN 978-973-638-449-3
M. Bota, S. Maris, T. Slavici, D. Andras, D. Darvasi - "Cost-benefit analysis for agribusiness", International Conference INTEGRATED SYSTEMS FOR AGRI-FOOD PRODUCTION SIPA 2013, 26-29 sept, Sibiu, Romania
T. Slavici, A. Bebeșelea, A. Mnerie, S. Mariș, M. Untaru - "Usage of expert systems for cost-benefit analysis in agricultural investments", International Conference INTEGRATED SYSTEMS FOR AGRI-FOOD PRODUCTION SIPA 2013, 26-29 sept, Sibiu, Romania ISBN :
Dumitru Mnerie, Dumitru Țucu, Titus Slavici, Nicolae Mirica - "Role of scientific and technological park “Tim Science Park” in quality management of higher education", 5 pag, „Transnational sustainable methods for quality increase in higher education” Conference, Timișoara 26 oct 2011, Cross Border Cooperation RO-SRB, ISBN : 978-606-569-306-7, ISBN :

	978-86-7372-139-2 A. Badescu, M. Bota, T. Slavici, S. Mariş, A. Slavici - "Optimization of an artificial intelligence tool used to forecast economic development in agribusiness", International Conference INTEGRATED SYSTEMS FOR AGRI-FOOD PRODUCTION SIPA 2013, 26-29 sept, Sibiu, Romania
N	<b>Patents submitted and not yet approved</b> -
	<b>Products approved (internally)</b>
	Ioan Groza, Titus Slavici, Cojocariu Cristian, Mădean Andrei - "ACQUISITION OF DATA TRANSMITTED BY DIGITAL MEASUREMENT DEVICES" – materials realized in the project "Flexible and modular equipment for the numeric conduction of technological processes, with applications in the creation of teaching equipment and equipment for the processing of materials and nanotechnologies", Ed. "Ioan Slavici" Foundation, Timișoara, 2010 ISBN 978-606-92306-6-4 Slavici Titus, Gubencu Dinu – "Modern techniques for using computer assisted numeric commands for the optimization of materials' processing" – material realized in the project "Flexible and modular equipment for the numeric conduction of technological processes, with applications in the creation of teaching equipment and equipment for the processing of materials and nanotechnologies", Ed. "Ioan Slavici" Foundation, Timișoara, 2010 ISBN 978-606-92306-6-4

**4. Research and development (P1, P2, etc) projects contract/grant based, and other research and development works (F1, F2, etc) that contribute to the scientific development of the educational/cultural/economic/social field.**

P	<b>R&amp;D Projects/Contracts/Grants, awarded as a result of an international competition</b>
	<b>As Manager/Director</b>
	POSDRU/ 103/5.1/G/79077 "New opportunities for labour market integration in the West Region"
	POSDRU/ 108/2.3/G/83035 - "Together to success for obtaining relevant califications accroding to actual needs "
	GRUNDTVIG GRU-09-P-LP-89-TM-IT "Labour inclusion for personal autonomy of women"
	POSDRU/140/5.2/G/135091 "Professional training in non-agricultural fields and employment aid for the improvement of rural human resources in the Western Region"
	POSDRU/140/5.2/G/135112 "Improving the quality of human resources in the Western Region through professional training in non-agricultural fields and employment aid.
	POSDRU ID 134796 "Innovative solutions for the integration of unemployed persons on labour market"
	HURO/ 0801/066 Development of joint partnership and management of quality in university scientific research according to the principles of sustainable development – partnership with the university of Nyregyhaza
	HURO/ 1001/148/2.3.1 Train and win in HU-RO style
	HURO/ 0801/036 – Towards a new quality in the Romanian and Hungarian university educational system. Cross-border center for the implementation and monitoring of quality. Lead Partner "Ioan Slavici" Foundation, partner: University of Szeged
	IPA 117 - Cod MIS-ETC 488 Quality in education, college and universities, using innovative methods and new laboratories – Lead Parner FIS
	RO 2006/018-448.01.01.10 – Implementing joing Romanian-Serbian planning, hosting and support activities for business. Cross-border center for hosting and business support for SMEs in the Timis county and South Banat district – partnership with the Ministry of Development, Public Works and Housing, Regional Cross Border Cooperation Office Timisoara

	INFRATECH - Contract 4/ 08.11.2004
	POS-CCE – “Flexible and modular equipments for the numerical conduction of technological processes”
	POS-CCE SMIS CSNR 37278 – Improving the broadband access of “Ioan Slavici” Foundation
	F312C011253700296 – Rehabilitation of a platform and buildigins, fencing, for a pellets and briquettes production line
	F312C011153700258 - "Rehabilitation, modernization and improvement of a production hall”
	C313M011253700087 – Modernization of a recreational agreement area
	POSDRU/140/5.2/G/135091 "Professional training in non-agricultural fields and employment aid for the improvement of rural human resources in the Western Region”
F	<b>Other designing/research/development works (contracts with beneficiaries in the industry)</b>
	Project 1/01.01.2008 - Hard and soft structures for the online supervision of hotels and increasing the internet promotion
	Contract 7/ 10.08.2012 – Consultancy services and application form completion for accessing European funds (PNDR) and monthly consulting services for the implementation and management of a POS CCE project
	Project 10/1.07.2008 – Required measures and events in the web technologies for increasing the competitiveness of SME’s through internet promotion