

FACULTY OF MANAGEMENT IN PRODUCTION AND TRANSPORTATION



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RESEARCH CENTRE IN ECONOMIC ENGINEERING – CCIE

GENERAL PRESENTATION

The Research Centre in Economic Engineering (Centrul de Cercetare în Inginerie Economică – CCIE) was founded in 2001.

The main aim of the Research Centre in Economic Engineering (CCIE) is to develop interdisciplinary high-level research in the fields of performance management for firms and clusters, technical and production systems engineering, the market economy development in Romania, the progress of transition, financial management in Romania. It offers the research results in these fields to the interested production and transportation companies and organisations. CCIE is a member of the Romanian Economic Engineering Consortium (28 Romanian Universities).

The location of the CCIE is in the Faculty of Management in Production and Transportation, ROMANIA, 300191 Timisoara, 14, Remus Str.

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The Centre in Economic Engineering (CCIE) is organised in several research divisions:

- Research Division in Performant Management for Firms and Clusters
- Research Division for Technical and Production Systems Engineering
- Research Division for Financial Management

RESEARCH DIVISION IN PERFORMANT MANAGEMENT FOR FIRMS AND CLUSTERS

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RESEARCH FIELDS

- » integrated competitiveness and value management
- » performance marketing
- » management information systems
- » project management
- » risk management

- » sustainable management
- » cluster's management
- » total quality management
- » production management

KEYWORDS

firms, clusters, competitiveness, management, marketing, quality, risk, sustainability, industrial production, civil engineering production, information systems

MAIN ACTIVITIES

1. development of new integrated methods in management and marketing
2. optimal integrated technologies and management
3. consulting in management and marketing

RESEARCH PROJECTS

1. CNCISIS Grant 380/2006: *Competitiveness strategies for clusters and regions in Romania*
Period: 2006 – 2008, Value: 30,000 RON / 2007
Director: Prof.dr.eng. Popa Horia Liviu
Research team: Assoc.prof.dr.ec.eng. Mocan M.
Lecturer dr.ec. Bărglăzan D.
Assoc.prof.dr.ec. Grecu E.
Assist.dr.ec. Dăianu C.
Assist.drd.ec. Foldvary K.
2. CNCISIS Grant 367/2006: *Control strategies in production systems management, integrating just-in-time, theory-of-constraints and activity-based-management approaches in knowledge based system*, Period: 2006-2007, Value: 15,000 RON / 2007
Director: Assoc.prof.dr.eng. Proștean Gabriela
Research team: Prof.dr.eng. Izvercian M.
Prof.dr.eng. Stefan C.
Lecturer Dr.eng. Vârtosu A.
Lecturer Dr.eng. Pugna A.
Assist. dr. ec. Dăianu C.
Lecturer dr. ec. eng. Tion M.
Drd. eng. Savii G.C.
Drd. eng. Cârstea C.
Assist. drd. eng. Giuca O.
3. CEEX Grant 1428/2006: *The Identification of Influences Factors in the Business Medium and Public Administration Relationship*
Period: 2006-2007, Value: 10,000 RON / 2007
Director: Assoc.prof.dr.ec. Grigorescu A. (SNSPA Bucharest)
Head of the West Network:
Prof.dr.eng. Dumitrescu C-tin
Research team: Assoc.prof.dr.ec.eng. Muțiu T.
Lecturer dr.ec.eng. Tămășilă M.

4. Contract no. GR76/23.05.2007 type A, theme 13, cod CNCIS 617: *Ergonomic conception of products and production systems in the perspective of increasing their security and quality while in use/operation – Researches for eco-ergonomic conception of working stations and products (environmental ergonomics)*

Period: 2007 Value: 32,700 RON

Director: Assoc.prof.dr.eng. Draghici Anca

Research team: Assoc.prof.dr.ec.eng. Mocan M.

Lecturer dr.eng. Pugna A.

Assist.eng. Mihărtescu A.

Lecturer dr.ec.eng. Tion M.

Lecturer dr.ec.eng.Negru G.

5. CEEEX 91-069 /14.10.2007: *Partnership for excellence research in developing entrepreneurial skills and a competitive human capital in the information based economy and society*

Period: 2007, Value: 70,000 RON

Director: Prof.dr.eng. Izvercianu Monica

Research team: Assoc.prof.dr.eng. Drăghici Anca

Lecturer dr.eng. Negru Gabriela

Lecturer dr.eng. Pugna Adrian

Lecturer dr.eng. Tămășilă Matei

Lecturer dr.eng. Tăucean Ilie

Lecturer dr.eng. Tion Monica

Eng. Guta Carmen

Timișoara, 2007, ISBN 978-973-0-05248-0, 160 pages (published in Romanian)

7. Izvercian M. s.a., *DAAM International Scientific Book* (cap. 31, 16 pages), DAAM Vienna, 16. ISBN 3-901509-60-7, 2007

8. Proștean G., *Management*, Publishing House Orizonturi Universitare, Timisoara, 2007, ISBN 978-973-638-310-6, 230 pages (published in Romanian)

9. Proștean G., *Techniques of artificial intelligence in management*, Publishing House Orizonturi Universitare, Timisoara, 2007, ISBN 978-973-638-310-6, 230 pages (published in Romanian)

10. Pugna A.,V. Rușeț, F. Vlad, W. Ștefănescu, B. Puiu, *Public administration management in the context of globalisation*, Publishing House Solness Timișoara, ISBN 978-973-729-103-5, 178 pages (published in Romanian)

11. Draghici A., Matta N., Molcho G., Draghici G., *Networks of Excellence as Virtual Communities*, Putnik G. D, Cunha M. M., (editors) Encyclopedia of Networked and Virtual Organizations, Idea Group Reference, IGI Knowledge, ISBN: (10) 159904885X, ISBN: (13) 978-1599048857, 2007

12. Tion M., Izvercian M., *The marketing in personal recruiting and selection*, Ed. Eurobit, Timișoara, 2007, ISBN 978-973-620-328-1, 261 pages (published in Romanian)

PUBLISHED PAPERS

1. Izvercianu M., Lobonțiu M., Drăghici A., *The Sustainable Enterprise From the Automotive Field*, Annals of DAAAM for 2007 & Proceedings 18th International DAAAM Symposium „Intelligent Manufacturing & Automation: Focus on Creativity, Responsibility and Ethics of Engineers”, 24-27 Oct. 2007, Zadar, Croatia, ISSN 1726-9679, ISBN 3-901509-58-5, pp. 349-350

2. Drăghici A., Izvercianu M., Roșu L., *Proposal for an e-Learning System for Reaching Sustainability in the Romanian Research Network INPRO*, Annals of DAAAM for 2007 & Proceedings 18th International DAAAM Symposium „Intelligent Manufacturing & Automation: Focus on Creativity, Responsibility and Ethics of Engineers”, 24-27 Oct. 2007, Zadar, Croatia, ISSN 1726-9679, ISBN 3-901509-58-5, pp. 251-252

3. Roșu S. M., Drăghici A., Guran M., *Knowledge Transfer in the Enterprise Business Intelligence*, Annals DAAAM 2007 & Proceeding 18th Int. DAAAM Symposium „Intelligent Manufacturing & Automation: Focus on Creativity, Responsibility and Ethics of Engineers”, 24-27 Oct. 2007, Zadar, Croatia, ISSN 1726-9679, ISBN 3-901509-58-5, pp. 649-650

PUBLICATIONS

BOOKS

1. Drăghici, A., *Ergonomics, Vol. II, Innovative issues of ergonomic research*, Publishing House Politehnica Timisoara, 2007, ISBN 978-973-625-349-2, 250 pages, (published in Romanian)

2. Drăghici A., *Human resources management–Applications. Tests. Case-studies*, Publishing House Politehnica Timisoara, 2007, ISBN 978-973-625-511-3, 200 pages (published in Romanian)

3. Abălaru M., Belea Gh., Bojincă M., Borlea F., Doniță N., Glăman C., Ignaton E., Oană L.T. s.a., *The guide of the land evaluator from Romania, Vol. II*, Publishing House Marineasa Timișoara, 2007, ISBN 978-973-631-421-6, 342 pages (published in Romanian)

4. Bojincă M., Creineanu Gh., Crudu R., Crudu C., Doandeu V., Dumitru M., Ignaton E. s.a., *The guide of the land evaluator from Romania, Vol. I*, Publishing House Marineasa Timișoara, 2007, ISBN 978-973-631-362-2, 208 pages (published in Romanian)

5. Buglea A., Taroata A., Taucean I., Tamasila M., *Dynamic businesses management – guide for the SMEs*, Publishing House Politehnica Timișoara, 2007, ISBN 978-973-625-433-8, 289 pages (published in Romanian)

6. Popa H.L., *Competitiveness Bulletin. Competitiveness. How do we become durable competitive*, Publishing House CCIAT,

4. Drăghici A., Izvercianu M., Draghici G., *Building Virtual Teams in Research and Development Field of Activity. The Case of INPRO Virtual Network*, Management of Technological Changes, Editors: Rusu C., Badea N., Proceedings 5th International Conference Management of Technological Changes, 25-26 August 2007, Alexandroupolis, Greece, vol 1, ISBN 978-960-8932-0-5, ISBN (vol 1) 978-960-8932-1-2, Democritus University of Thrace, Greece, pp. 491-500
5. Drăghici A., Izvercianu M., Draghici G., *Managing Intra-national Virtual Team. The Case of Romanian Research Network – INPRO*, Management of Technological Changes, Editors: Rusu C., Badea N., Proceedings 5th International Conference Management of Technological Changes, 25-26 August 2007, Alexandroupolis, Greece, vol 1, ISBN 978-960-8932-0-5, ISBN (vol 1) 978-960-8932-1-2, Democritus Univ. of Thrace, Greece, pp. 481-490
6. Mocan M., Popa H., *Development trends of small and medium size companies in Timisoara and Timis county*, International Journal of Business and Systems Research, USA, Vol. 1, No. 4, 2007, pp. 458-472, ISSN (Online): 1751-2018, ISSN (Print): 1751-200X
7. Tion M., Izvercianu M., Drăghici A., *The Internet in Personnel Recruitment and Selection on Romanian Labour Market*, Management of Technological Changes, Editors: Rusu C., Badea N., Proceedings 5th International Conference Management of Technological Changes, 25-26 August 2007, Alexandroupolis, Greece, vol 1, ISBN 978-960-8932-0-5, ISBN (vol 1) 978-960-8932-1-2, Democritus University of Thrace, Greece, pp. 251-258
8. Izvercianu M., Drăghici A., Staicu F., *The Sustainability of Enterprises from the West Romanian TIC Sector*, Management of Technological Changes, Editors: Rusu C., Badea N., Proceedings 5th International Conference Management of Technological Changes, 25-26 August 2007, Alexandroupolis, Greece, vol 2, ISBN 978-960-8932-0-5, ISBN (vol 2) 978-960-8932-2-9, Democritus University of Thrace, Greece, pp. 473-476
9. Popa H. L., Mocan M., Pater L. R., *Competitiveness strategies for the international scientific - academic associations and clusters*, 18th DAAAM 2007 International Symposium "Intelligent Manufacturing & Automation: Focus on Creativity, Responsibility, and Ethics of Engineers", 2007, pp. 145-148, ISSN 1726-9679
10. Mocan Marian, Popa Horia, Izvercianu Monica, *Logistics of automotive enterprises from Timis County and the phenomenom of Economical Globalisation*, 18th International DAAAM Symposium "Intelligent Manufacturing & Automation: Focus on Creativity, Responsibility and Ethics of Engineers", 24-27 October 2007, University of Zadar, Croatia
11. Mocan Marian, Popa Horia, *The management and the development of the enterprises from Western Romania after the adherence to the EU*, 18th International DAAAM Symposium "Intelligent Manufacturing & Automation: Focus on Creativity, Responsibility and Ethics of Engineers", 24-27 October 2007, University of Zadar, Croatia
12. Izvercianu M., Mocan M., Popa H., Draghici A., *Training need for business creation in automation field*, 18th International DAAAM Symposium "Intelligent Manufacturing & Automation: Focus on Creativity, Responsibility, and Ethics of Engineers", 24-27 October 2007, Zadar, Croatia
13. Tăucean I., Tăroata A., Tămășilă M. Pirvu M., *Lifecycle Strategic Approach for ERP Implementation Decision*, 18th International DAAAM Symposium: Intelligent Manufacturing & Automation: Focus on Creativity, Responsibility and Ethics of Engineers, 24-27 October 2007, Zadar, Croatia
14. G. Prostean, *Operations planning based on theory of constraints decision system*, Proceedings 4th IFAC Conference on Management and Control of Production and Logistics (MCPL 2007), Sibiu, Sept. 27-30, 2007, ISBN:978-973-739-481-1, Vol. III, pp. 591-596
15. N. Budisan, I. Filip, V. Balas, G. Prostean, I. Szeidert, *Considerations Regarding the Induction Generator's Compound Excitation*, Proceedings 2nd IASME/WSEAS International Conference on Energy & Environment, Portorose, Slovenia, May 15-17, 2007, ISSN: 1790-5095, ISBN: 978-960-8457-69-0, pp. 140-146
16. Popa H.L., *The integrative competitiveness. A systemic approach*, Scientific Bulletin of the "Politehnica" University of Timișoara, Trans. on Management, Engineering, Economy, Transportation Engineering, Tom 52(66), Fasc. 1, 2007, pp. 17-26, ISSN 1224-6050
17. Popa H.L., Pater R.L., *Centres, clusters and competitiveness programmes in Romania*, Scientific Bulletin of the "Politehnica" University of Timișoara, Transactions on Management. Engineering Economy. Transportation Engineering, Tom 52(66), Fasc. 1, 2007, pp. 27-34, ISSN 1224-6050
18. Mihărtescu A., Drăghici A., Drăghici G., *Important Issues for Building the Marketing Plan for the INPRO Research Network*, Annals of the Oradea University, Fascicle of

- Management and Technological Engineering, CD-ROM Edition, 2007, ISSN 1583-0691
19. Despi I., Cociu N., *Software quality assessment in agile methods*, Scientific Bulletin of the "Politehnica" University of Timisoara, Transactions on Management, Engineering Economy, Transportation Engineering, Tome 52 (66), 2007, nr. 2, ISSN 1224-6050
 20. Cociu N., Despi I., *Multicriterial selection of an ERP system*, Scientific Bulletin of the "Politehnica" University of Timisoara, Transactions on Management, Engineering Economy, Transportation Engineering, Tome 52 (66), 2007, nr. 2, ISSN 1224-6050, pp. 61-68
 21. Drăghici A., Draghici G., *Building a Knowledge Bridge Between the European Research Area and the Romanian Research Area in the Field of Design and Manufacturing*, Symposium "LCE - The Driving Force in Design & Manufacturing Evolution", Haifa, Israel, 5-6.06.2007
 22. Carutasu G., Draghici A., Parpala L. F., Popa C. L., *How to get a five star partner*, Proceedings 9th International Conference on Management of Innovative Technologies, MIT 2007, 9-10 Oct. 2007, Piran, Slovenia, ISBN 978-961-6536-19-6, pp. 91-98
 23. Mihărtescu A., Negruț M., *The analysis of customers needs in relationship with the QFD*, International Science Conference "Tehnikal Science and Industrial Management" ISCTSIM, Sofia, Bulgaria, 15-17 November 2007, ISSN 1310-3946
 24. Grecu E., *A Successful Wine Cluster*, 9th International Symposium in Management SIM2007 "Management & Competitiveness in Knowledge-Based Society", Timisoara, 23-24.11.2007, CD-ROM Edition, vol.1, ISBN 978-973-625-556-4
 25. Mihărtescu A., După P., *The Concept of «Customer Satisfaction» and the Development of New Products*, 9th International Symposium in Management SIM2007 "Management & Competitiveness in Knowledge-Based Society", Timisoara, 23-24.11.2007, CD-ROM Edition, vol. 1, ISBN 978-973-625-556-4
 26. Mihărtescu A., *Integrating Customers Needs into the Product Lifecycle*, 9th International Symposium in Management SIM2007 "Management & Competitiveness in Knowledge-Based Society", Timisoara, 23-24.11.2007, CD-ROM Edition, vol.1, ISBN 978-973-625-556-4
 27. Drăghici A., *Proposal for Obtaining Product Competitiveness Through Ergonomics*, 9th International Symposium in Management SIM2007 "Management & Competitiveness in Knowledge-Based Society", Timisoara, 23-24.11.2007, CD-ROM Edition, vol. 1, ISBN 978-973-625-556-4
 28. Negruț M., Ionescu Gh., *Analyze of the organizational structure for the implementation of project management system in construction company*, 9th International Symposium in Management SIM2007 "Management & Competitiveness in Knowledge-Based Society", Timisoara, 23-24.11.2007, CD-ROM Edition, vol. 1, ISBN 978-973-625-556-4
 29. Negruț M., *The implementation of controlling processes in construction company*, 9th International Symposium in Management SIM2007 "Management & Competitiveness in Knowledge-Based Society", Timisoara, 23-24.11.2007, CD-ROM Edition, vol. 1, ISBN 978-973-625-556-4
 30. Tion M., Preda O., *Comparative study regarding the auto market from Romania with European and USA market*, International economic conference Romania within the EU. Opportunities, requirements and perspectives. „Lucian Blaga” University of Sibiu, Faculty of Economic Sciences, May 2007, ISBN 978-973-739-428-6, (13) 978-973-739-443-9
 31. Preda O., Tion M., *Distribution Channels*, International economic conference. Romania within the EU. Opportunities, requirements and perspectives. „Lucian Blaga” University of Sibiu, Faculty of Economic Sciences, May 2007, ISBN 978-973-739-428-6, (13) 978-973-739-443-9
 32. Izvercianu M., Tion M., *Human capital administration as a competitive factor*, 5th International Conference Management of Technological Changes, 25-26 Aug. 2007, Technical University of Alexandroupolis, Greece
 33. Izvercianu M., Mocan M., Gupta C., *Mentor profile and professional training needs of human resources from small and medium enterprises*, SAIMS (Southern African Institute for Management Scientists) Conference 2007, 19-21 September 2007, Johannesburg, South Africa
 34. Izvercianu M., Mocan M., Gupta C., Staicu F., *Training need for business creation*, SAIMS (Southern African Institute for Management Scientists) Conference 2007, 19-21 September 2007, Johannesburg, South Africa.

PHD THESIS SUSTAINED

1. Duran Dan Cristian, *Issues on risk evaluation as a decision source at company's level*, PhD supervisor: Prof.dr.eng. Constantin Dumitrescu
2. Grămescu Marius Cătălin, *Issues on development strategies specific to SMEs, aiming at aligning them to the EU requirements*, PhD supervisor: Prof.dr. eng. Constantin Dumitrescu

PERSPECTIVE DOMAINS

- competitive integrated policies and management at regional level
- development of expert systems for management
- competitiveness centres and clusters

RESEARCH TEAM

Prof.dr.eng. Horia Liviu POPA
 Prof.dr.eng. Monica IZVERCIAN
 Prof.dr.eng. Anghel TĂROATĂ
 Prof.dr.eng. Constantin DUMITRESCU
 Prof.dr.eng. Elemer IGNATON
 Assoc.prof.dr. Nicolae COCIU
 Assoc.prof.dr.eng. Traian MUȚIU
 Assoc.prof.dr.eng. Păun ALAN
 Assoc.prof.dr.eng. Gabriela PROȘTEAN
 Lecturer dr. eng. Tiberiu Liviu OANĂ
 Lecturer dr. ec. eng. Simina IOVAN
 Lecturer dr. eng. Ilie TĂUCEAN
 Lecturer dr. eng. Adrian PUGNA
 Lecturer dr. ec. eng. Matei TĂMĂȘILĂ
 Lecturer dr. eng. Gabriela NEGRU STRĂUȚI
 Lecturer dr. ec. eng. Monica TION
 Assist.drd.eng. Andreea MIHĂRTEȘCU
 Assist.drd.eng. Mircea NEGRUȚ
 Assist.drd.eng. Olivia GIUCĂ

RESEARCH DIVISION FOR TECHNICAL AND PRODUCTION SYSTEMS ENGINEERING**CONTACT**

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RESEARCH FIELDS

- » logistics and transportation systems
- » industrial and urban transport
- » reliability and maintenance of products and production systems
- » value analysis and engineering
- » ergonomics
- » ensuring safety and environmental protection
- » road traffic system design and optimisation
- » production systems optimisation

KEYWORDS

logistics, transportation, products, production systems

MAIN ACTIVITIES

- » development of new scientific integrated methods in logistics and transportation
- » optimal integrated technologies in innovation, production, logistics and transportation
- » consulting in production systems, logistics, transportation, ergonomics, safety and environmental protection

RESEARCH PROJECTS

1. FP6 2002-IST-NMP-1, Contract no. 507487, *Virtual Research Lab for Knowledge Community*

in Production VRL-KCiP, Network of Excellence, Period: 2004-2008, Value: 24,000 EUR / 2007
 Director: Prof.dr.eng. Drăghici G. (TCM)
 Research team: Assoc.prof.dr.eng. Drăghici A.
 Assist.drd.eng. Mihărtescu A.

2. CEEEX, Contract INPRO, modul I, P-CD, 243/2006: *National Research Network in the Field of Product and Processes Integrated Engineering*, Period: 2004 – 2008, Value: 76,000 RON/2007
 Director: Prof.dr.eng. Drăghici George
 Research team: Assoc.prof.dr.eng. Drăghici A.
 Assist.drd.eng. Mihărtescu A.

3. CEEEX, Contract CONTMENT, module I, P-CD, nr. 238 / 20.07.2006: *Pilot Research Network – Researches for The On-Line Maintenance Prediction*, Period: 2004-2008, Value: 25,600 RON/2007
 Director: Prof.dr.eng. Drăghici George
 Research team: Assoc.prof.dr.eng. Drăghici A.

4. Grant type TD, Contract 3/1.10.2007, PN II, *Human Resources, cod CNCSIS 18, Integration of consumer requirements in the phase of products conception*
 Director: A Mihărtescu,
 Total value: 25,347 lei
 Value 2007: 5,067 lei

5. CEEEX 05-D8-77 / 19.10.2005, *Scenarios of forecasts for sectors and branches of the Romanian economy with innovative potential in the perspective of 2020 – INOVFOR*
 Value: 30,000 RON / 2007
 Director: Assoc.prof.dr.ec.eng. Mocan M.

6. CEEEX 05-D8-59 / 10.10.2005, *Corporate responsibility of Romanian enterprises in European context RSE&UE*
 Value: 30,000 RON / 2007
 Director: Assoc.prof.dr.ec.eng. Mocan M.

7. Contract PN II type RU-MC- 2007
 Value: 2,808 Lei
 Director: Assoc.prof.dr.eng. Drăghici Anca

PUBLICATIONS**BOOKS**

Mocan M. s.a., *Management – manual of excellence in business*, Publishing House Eurobit, Timisoara, 2007, ISBN 978-973-620-307-7, 159 pages (published in Romanian)

PUBLISHED PAPERS

1. A. Pugna, M. Mocan, W. Stefanescu, *Optimizing alpha-quartz monocrystals growth through robust design*, 18th DAAAM 2007 International Symposium "Intelligent Manufacturing & Automation: Focus on Creativity, Responsibility, and Ethics of Engineers", ISSN 1726-9679, pp. 617-618

2. Prostean, G., *Operations Decision System based on Drum-Buffer-Rope Method*, Studies in Informatics and Control Journal, Vol. 16, Nr. 4, November 2007, pp. 469-476, National Institute for Research & Development in Informatics ICI Bucharest, ISSN 1220-1766
3. Prostean, G., *Considerations above Operations Scheduling Intelligent System*, Proceedings 5th IEEE International Conference on Computational Cybernetics, Gammarrh, Tunis, Oct. 19-21, 2007
4. M. Izvercianu, Tion M., *Ways to identify a job on Romanian labour market*, 5th International Conference - Management of Technological Changes, 25-26 Aug. 2007, Technical University of Alexandroupolis, Greece
5. Tăroata A, Tămășilă M., Tăucean I., Pugna A, *Strategic Planning Models as a Decisive Factor in the SME's Management Change*, Proceedings 5th International Conference MTC 2007 Management of Technological Changes, August 25-26, 2007 Alexandroupolis, Greece, ISBN 978-960-8932-1-2 (vol.1), pp. 157-162
6. Tăroata A, Tămășilă M., Tăucean I., Pugna A., *Changes in SMEs: Technological Development Versus ERP Implementation*, Proceedings 5th International Conference MTC 2007 Management of Technological Changes, August 25-26, 2007 Alexandroupolis, Greece, ISBN 978-960-8932-1-2 (vol.1), pp. 151-166
7. Drăghici A., Niemann J. Drăghici G. Banciu F., *National Virtual Team's Management and Development. The Case of Romanian Research Network – INPRO*, Revista de Management și Inginerie Economică, Vol. 6, Nr. 2A(23), 2007, ISSN 1583-624X, pp. 5-18
8. Draghici A., Draghici G., *Research Virtual Teams' Establishment and Development. The Case of INPRO Virtual Research Network*, Annals of the Oradea University, Fascicle of Management and Technological Engineering, 2007, ISSN 1583-0691
9. G. Prostean, C. Stefan, I. Indre, G. Belgiu, *Possibilities of construction improvement for the cross-flow fan operation optimization*, Academic Journal of Manufacturing Engineering, Volume 5, Number 3/2007, ISSN 1583-7904, pp. 83-89
10. L. Mihet, V. Groza, G. Prostean, I. Filip, I. Szeidert, *Variable Speed Wind Turbines using Cage Rotor Introduction Generators Connected to the Grid*, Electrical Power Conference 2007 Renewable and Alternative Energy Resources, Oct. 25-26, Montreal, Quebec, Canada, pp. 1-7
11. Buzera, M., Prostean, G., Belgiu, G., Mihet-Popa, L., *Detecting the integrity of the shape of vegetal products by using non-destructive techniques*, Scientific Bulletin of the „Politehnica” University of Timisoara, Trans. on Mechanics, ISSN 1224-6077
12. Buzera, M., Prostean, G., Mihet-Popa, L., Belgiu, G., *Filtration techniques used in the processus of automatic classification of the products*, Scientific Bulletin of the „Politehnica” University of Timisoara, Trans. on Mechanics, ISSN 1224-6077
13. Popa H.L., Pater. R.L., *Industrial wine clusters in the global market and in Romania*, International Scientific Symposium „Management of durable rural development” May 24-25, 2007, USAMVB Timisoara, published in Scientific Papers. Agricultural management, Serie I, Vol. IX (1), pp. 89-96, ISSN 1453-1410
14. Popa H.L., Pater. R.L. *The cluster's competitiveness analysis*, RECENT Journal for industrial engineering, "Transilvania" University of Brasov, Vol. 8, Nr. 3(21), 2007, pp. 127-132, ISSN 1582-0246
15. Popa H.L., Mocan M., Pater R.L., *Structures and programmes for the clusters competitiveness increase in Romania*, RECENT Journal for industrial engineering, "Transilvania" University of Brasov, Vol. 8, Nr. 3(21), 2007, pp. 133-138, ISSN 1582-0246
16. Cociu N., *Selection of a CRM System through multi-attribute decisions*, Scientific Bulletin of the “Politehnica” University of Timisoara, Transactions on Economics and Social Science , Tome 5, no. 1, 2007, pp. 87-91, ISSN 1583-7475
17. Cociu N., *Possibilities of Optimizing the activity of Romanian companies*, Scientific Bulletin of the “Politehnica” University of Timisoara, Transactions on Economics and Social Science, Tome 5, no. 1, 2007, pp. 92-98, ISSN 1583-7475
18. Mocan, M., Cavory, G. *Study regarding the introduction of the 5S method in Departments Timis-Romania and Pas de Calais-France*, Scientific Bulletin of the “Politehnica” University of Timisoara, Transactions on Management, Engineering Economy, Transportation Engineering, Tome 52(66), 2007, no. 1, pp. 45-48, ISSN 1224-6050
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PERSPECTIVE DOMAINS

- competitive logistics systems
- telematics in logistics and transportation
- optimization of new products and production systems

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RESEARCH FIELDS

- » principles of market economy
- » investment policies
- » financial policies
- » company finances
- » finance and banking
- » business law

KEYWORDS

market economy, finance, banking, European economy, financial strategies, dividend

MAIN ACTIVITIES

- » share market in Romania
- » the progress of financial transition
- » inflation and unemployment
- » corporate finance policies
- » changes in Romanian taxation

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PERSPECTIVE DOMAINS

- » financial decisions in small and middle-sized companies and their services
- » investment strategies in small and middle-sized companies and their services

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