

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

- development of new integrated methods in management and marketing
- optimal integrated technologies and management consulting in management and marketing

RESEARCH PROJECTS

1. PC - nr. 91-069: Partnership for excellence in research for development of entrepreneurship skills and competitive human capital in the economy and society based on knowledge and innovation, Period: 2007 – 2009

Value UPT/2009: 47.585 lei

Director: Prof.dr.eng. Monica Izvercianu
 Research team: Prof.dr.eng. Anca Drăghici
 Lecturer dr. eng. Negru -Străuți G.
 Assoc.prof. dr.eng. Adrian Pugna
 Lecturer dr.eng. Matei Tămășilă
 Lecturer dr.eng. Ilie Tăucean
 Lecturer dr.eng. Monica Tion

2. Comparative research regarding the knowledge management in Romanian Engineering Education Organization, (UNIKM), Contract nr. 92-074/2008, PNII, proiect PC, ANCS , Value: 186.400 Lei/2008-2010

Value UPT/2009: 11.000 Lei

Director: Prof.dr.eng. Drăghici Anca
 Research team: Prof.dr.eng. Drăghici George
 Prof.dr.eng. Izvercianu Monica
 Prof.dr. Duran Vasile
 Assoc.prof.dr. Cociu Nicolae
 Assist.dr. Vartolomei Mihaela
 Assist.dr. Duran Dan
 Assist.drd. Foldvary Kinga
 Corban Delia

3. Summer School „Central and South Eastern European Management”, 61955-IC-1-2007-1-AT-ERASMUS-EUC-1-IP2009

Value UPT/2009: 7.000 EURO

Director: Prof.dr.eng. Dolga Lia

Research team: Prof.dr.eng. Prostean Gabriela
Lecturer dr.eng. Taucean Ilie
Lecturer dr.eng. Tamasila Matei
Assist.dr. Vartolomei Mihaela
Assoc.prof. dr.eng. Pugna Adrian
Lecturer dr. Barglazan Diana
Assist. drd.eng. Mihartescu Adreea

4. Improvement of the Structures and Efficiency of Small Horizontal Axis Wind Generators with Non-Regulated Blades, RO 0018, perioada 2009-2011, EEA

Value UPT/2009: 472.885 Lei

Director: Prof.dr.eng. Octavian Prostean

Research team: I. Filip, T. Milos, I. Bordeasu
C. Vasar, I. Szeidert, N. Munteanu,
Prof.dr.eng. G. Prostean, D.
Ungureanu, R. Boraci, M. Babescu,
M. Biriescu, V. Popescu, A. Botici,
D. Lascu, A. Popovici, I. Lie, L.
Miheţ, M. Greconici, A. S. Manea,
E. Dobândă, A. Bej, A. Robu, O.
Tirian, R. Bădărău, M. Băbăiţă, O.
Cornea, S. Kilyeni

PUBLICATIONS

BOOKS

- Negru Străuţi, Gabriela, Gruescu, C., *The quality and implementation technology of optical systems* Ed. Eurobit, Timisoara, 2009, 153 pages, ISBN 978-973-620-511-8 (published in Romanian)
- Doandeaş V., Racovicean M., Ignaton E., Oana T., *The land-property assessor's guide in Romania*, Vol. III, Ed. Marineasa, Timişoara, 2009, 722 pages, ISBN: 978-973-631-558-9 (published in Romanian)
- Ignaton E., *Engineering of construction sites organization*, Ed. Politehnica, Timişoara, 2009, 358 pages, ISBN 978-973-625-846-6 (published in Romanian)
- Popa, H.L., Iovescu M., *Clusters, Characterization, classification, models - Manual 1*, Editura CCIAT, Timişoara, 2009, 23 pages, ISBN 978-973-0-06716-3 (published in Romanian)
- Popa, H.L., Iovescu M., *Clusters. Establishment, development, competitiveness - Manual 2*, Editura CCIAT, Timişoara, 2009, 30 pages, ISBN 978-973-0-06715-6, (published in Romanian)
- Iovescu, M., Popa, H.L., *Regional Office for clusters certification. Practical guide*, Editura CCIAT, Timişoara, 2009, 28 pages, ISBN 978-973-0-06714-9 (published in Romanian)
- Iovescu, M., Popa, H.L. ş.a., *Economic development strategy of Banat in the border region of Romania-Serbia*, Editura Politehnica, Timişoara, 2009, 178 pages, ISBN 978-606-554-012-5
- Alan, P., Danciu, L., *IT Management*, Ed. Vasile Goldiş University Press, reed. 2009, 214 pages, Cod ISBN 978-973-664-240-1 (published in Romanian)
- Alan, P., Danciu, L., *Databases in the management of economic activities*, Ed. Vasile Goldiş University Press, reed. 2009, 162 pages, Cod ISBN 978-973-664-239-5 (published in Romanian)
- Draghici A., Izvercianu M., Draghici G., *Preliminary Architecture of the Virtual Center for Entrepreneurial Competencies Assessment and Development*, Cunha M. M., Varajao J. E. (Eds.), Enterprise Information Systems Design, Implementation and Management: Organizational Applications
- Draghici A., Barglazan D., Lewkowicz M., Molcho G., *The Human Dimension of the Virtual Networking Era. Social / Human Dimensions of Web Services – Communication Errors and Cultural Aspects*. The Case of VRL-KCiP NoE, Cunha M. M., Oliveira E. F., Tavares A. J., Ferreira L. G. (Eds.), Handbook of Research on Social Dimensions of Semantic Technologies and Web Services, vol I and II, Information Science Reference (formerly Idea Group Reference), 2009, ISBN 978-1-60566-650-1, Cap XVIII, 1339-1360
- Draghici G., Draghici A., *Multisite PLM Platform - a Collaborative Design Environment*, Cunha M. M., Varajao J. E. (Eds.), Enterprise Information Systems Design, Implementation and Management Organizational Applications

PUBLISHED PAPERS

- Izvercian Monica, Negru Strauti G., Pugna A., Mocan M., Model for determining difference by gender in entrepreneurial activity in Romania, MTC Grecia, *The 6th International Conference on the Mnaagemtn of technological Changes*, september, 3-5, 2009, Alexandroupolis Greece
- Izvercian Monica, M. Vartolomei, F. Staicu, Research regarding strategic solutions in the frame of company reorganization – diagnostic and risk analysis, MTC Grecia, *The 6th International Conference on the Mnaagemtn of technological Changes*, september, 3-5, 2009, Alexandroupolis Greece
- Draghici, A., Izvercian, M., Draghici, G., Virtual center for entrepreneurial competencies assessment and development – preliminary architecture design, CENTERIS 2009 – *Conference on Enterprise Information Systems* 7–9 oct. 2009, Ofir, Portugalia, ISBN 978-972-669-929-6, p.153-164
- Izvercianu, M.; Vartolomei, M.; Staicu, F. & Popa, H. L. , Conflict and Strategy Models in Automotive Competing Markets, *Annals of DAAAM for 2009 & Proceedings of the 20th International DAAAMAM Symposium*, ISBN 978-3-901509-7070-4, ISSN 1726-9679, pp 565-566, Published by DAAAM International, Vienna, Austria 2009
- Popa, H. L.; Izvercianu, M.; Mocan, M. L., Pater, L. R.: A Systemic Definition of Clusters, *Annals of DAAAM for 2009 & Proceedings of the 20th International DAAAM Symposium*, ISBN 978-3-

- 901509-70-4, ISSN 1726-9679, pp 455-556, Published by DAAAM International, Vienna, Austria 2009
6. Izvercianu, M.; Tion, M. & Negru – Strauti G., G. Study Concerning the Evolution of the Entrepreneurship Initiative in the West Region, *Annals of DAAAM for 2009 & Proceedings of the 20th International DAAAM Symposium*, ISBN 978-3-901509-70-4, ISSN 1726-9679, pp. 1253-1254, Published by DAAAM International, Vienna, Austria 2009
 7. Izvercianu, M.; Vartolomei - M, M., Staicu, F. & Vartolomei, M., Sensitive Analysis as Strategic Solution in Reorganization Management Process, *Annals of DAAAM for 2009 & Proceedings of the 20th International DAAAM Symposium*, pp. 0561-0563, ISBN 978-3-901509-70-4, ISSN 1726-9679, Published by DAAAM International, Vienna, Austria, 2009
 8. Izvercianu, M.; Vartolomei - M, M., Staicu, F. & Vartolomei, M., Management of Successful Teamwork in Automotive Industry Field, *Annals of DAAAM for 2009 & Proceedings of the 20th International DAAAM Symposium*, ISBN 978-3-901509-70-4, ISSN 1726-9679, pp. 0563-0564, Published by DAAAM, International, Vienna, Austria, 2009
 9. Ignaton, E., Cociu, N., Oana, T., The multicriterial selection of the heating system, *Proceedings of the 6th International Conference on Management of Technological Changes*, pp. 673-674, Democritus University of Thrace, Greece, vol. 1, 2009, ISBN 978-960-89832-7-4
 10. Cociu, N., Ignaton, E., Taroata., A., Optimization possibilities for company's resources allocation, *The 20th International DAAAM Symposium*, 25-28th November 2009, DAAAM, Viena, pp. 551-552, ISSN 1726-9679, ISBN 978-3-901509-70-4
 11. Ignaton, E., Cociu, N., Oana, T., Aspects concerning the comparison of the apartments management costs in case various heating systems are used, *The 20th International DAAAM Symposium*, 25-28th November 2009, DAAAM, Viena, pp. 583-584, ISSN 1726-9679, ISBN 978-3-901509-70-4
 12. Tăucean I. M., Tămășilă M., Tăroată A., Prostean, G., Model for technological and innovation decision for a strategic advantages, *Proceedings of the 7th International Conference MTC 2009, Management of Technological Changes*, Vol. 1, Alexandroupolis, Greece, Editors Rusu C., ISBN 978-960-89832-7-4
 13. Tăucean I.M., Tămășilă M., Tăroată A., Pugna A., Value chain analysis and entry/exit barriers model as a tools for technology change diagnosis, *Proceedings of the 7th International Conference MTC 2009 Management of Technological Changes*, Vol. 1, Alexandroupolis, Greece, Editors Rusu C.
 14. Tămășilă M., Tăucean I. M., Pugna A., Giuca O., A study of leadership styles for organizational change management, *Proceedings of the 7th International Conference MTC 2009 Management of Technological Changes*, Vol. 1, Alexandroupolis, Greece, Editors Rusu C.
 15. Tămășilă M., Tăucean I. M., Prostean G., Pugna A., Efficiency and change through lean manufacturing, *Proceedings of the 7th International Conference MTC 2009 Management of Technological Changes*, Vol. 1, Alexandroupolis, Greece, Editors Rusu C.
 16. Tăucean I. M., Tămășilă M., Case studies correlations analysis for business management teaching, *Annals of DAAAM for 2009 & Proceedings of the 20th International DAAAM Symposium*, ISBN 978-3-901509-70-4, ISSN 1726-9679, pp 105, Vienna, Austria, 2009
 17. Tămășilă M., Tăucean I. M., The analysis of the innovation level for IT&C services offshoring to Romania, *Annals of DAAAM for 2009 & Proceedings of the 20th International DAAAM Symposium*, ISBN 978-3-901509-70-4, ISSN 1726-9679, Vienna, Austria 2009
 18. Buchman I, Ignaton E., Technical and economical aspects of the special industrial concrete from Romania, *The 20th International DAAAM Symposium*, 25-28th November 2009, DAAAM, Viena, pp. 479-480, ISSN 1726-9679, ISBN 978-3-901509-70-4
 19. Mihartescu, A.A., Mazilescu, A.C., Dupta, P.E., Informatic Model for Administration of Information Provided by Users, *Management of Technological Changes - Proceedings of the 6-th International Conference on Management of Technological Changes*, Volume 1, Democritus University of Trace Greece september 3-5, 2009, Alexandroupolis, Greece, pp. 521-524, ISBN 978-960-89832-6-7, ISBN(Volume 1) 978-960-89832-7-4
 20. Mihartescu, A.A., Mazilescu, A.C., Staicu, F., The Consumer/User Role in the Multidisciplinary Design Team, *Management of Technological Changes - Proceedings of the 6-th International Conference on Management of Technological Changes*, Volume 1, pp. 525-528, Democritus University of Trace Greece september 3-5, 2009, Alexandroupolis, Greece, ISBN 978-960-89832-6-7, ISBN (Volume 1) 978-960-89832-7-4
 21. Mazilescu, A.C., Mihartescu, A.A., Deutsch, M., Constantin, D., Selection of Candidates Based on Biographical Data Application in Academic Area, *Management of Technological Changes - Proceedings of the 6-th International Conference on Management of Technological Changes*, Volume 1, Democritus University of Trace Greece september 3-5, 2009, Alexandroupolis, Greece, ISBN 978-960-89832-6-7, ISBN (Volume 2) 978-960-89832-8-1-5, pp. 291-293

22. Mazilescu, A.C., Mihartescu, A.A., Popescu Mitroi M., Deutsch M., Usefulness and Attractiveness of Educational Technology, Management of Technological Changes - *Proceedings of the 6-th International Conference on Management of Technological Changes*, Volume 1, Democritus University of Trace Greece september 3-5, 2009, Alexandroupolis, Greece, pp. 655-657, ISBN 978-960-89832-6-7, ISBN(Volume 1) 978-960-89832-7-4
23. Mihartescu, A.A., Mazilescu, A.C., Negrut, M.L., Clients Identification and Their Role in Multidisciplinary Design Team, *Annals of DAAAM for 2009 & Proceedings, of The 20 th International DAAAM Symposium "Intelligent Manufacturing & Automation: Focus on Next Generation of Intelligent Systems and Solutions"*, 25-28th November 2009, Vienna, Austria, pp. 917-918, ISSN 1726-9679, ISBN 978-3-901509-68-4, pp. 0917-0918
24. Mazilescu, A.C., Draghici, A., Draghici, G., Mihartescu, A.A., Constantin, D., How Learn and Process Information the Students in Technical Universities, *Annals of DAAAM for 2009 & Proceedings of The 20 th International DAAAM Symposium "Intelligent Manufacturing & Automation: Focus on Next Generation of Intelligent Systems and Solutions"*, 25-28th November 2009, Vienna, Austria, ISSN 1726-9679, ISBN 978-3-901509-68-4, pp. 1763-1764
25. Buzera Marius, Balas Valentina, Prostean Gabriela, Mastorakis N., Non destructive techniques of automatic shape classification of vegetal products, *10th WSEAS International Conference on Neural Networks*, 2009, pp. 184-187, ISSN 1790-5109, ISBN 978-960-474-065-9
26. Szeidert, O. Prostean, N. Budisan, I. Filip, V.E. Balas, G. Prostean, Viewpoint on Wind Energy Usage in Romania- Banat Region, *Proceedings of the WSEAS International Conference, 11th WSEAS International Conference os Sustainability in Science Engineering (SSE'09)*, Timisoara, Romania, 2009, pp. 17-21, ISSN 1790-2769, ISBN 978-960-474-080-2
27. I. Szeidert, O. Prostean, N. Budisan, I. Filip, V. E. Balas, Prostean Gabriela, Actual Situation and Perspectives on Wind Energy Usage in Banat Region, *WSEAS Transactions on Systems, Engineering Village 2*, vol. 4, pp. 369-372
28. Buzera Marius, Prostean Gabriela, New algorithms used the phases of automatic clasification of products, *Soft Computing Applications, SOFA '09. 3rd International Workshop of Soft Computing Application*, 2009, BDI: INSPEC, pp. 215-218
29. Vasar Cristian, Prostean Gabriela, Robu Andreea, Issues on low power routing for wireless sensor networks, *Applied Computational Intelligence and Informatics, SACI '09. 5th International Symposium*, 2009, BDI INSPEC, pp. 345-350
30. Berdie Adriana, Osaci M., Prostean Gabriela, Haipl R., Analysis and design in databases modeling using SAP integrated systems, *Applied Computational Intelligence and Informatics, SACI '09. 5th International Symposium*, 2009, BDI: INSPEC, pp. 247-250
31. Buzera Marius, Prostean Gabriela, Greconici Marian, Modern tehniques for automatic classification of products, *Applied Computational Intelligence and Informatics, SACI '09. 5th International Symposium*, 2009, BDI: INSPEC, pp. 165-168
32. Prostean Gabriela, Robu Raul, Prostean Octavian, Taroata Anghel, The management of creative techniques to enhance the process of improvement, *Proceedings of the 7th International Conference MTC 2009 Management of Technological Changes*, Vol. 2, Alexandroupolis, Greece, ISBN 978-960-89832-8-1
33. Prostean Gabriela, Robu Raul, Prostean Octavian, Taroata Anghel, Considerations regarding the integration of the cost centers based on SAP management accounting, *Proceedings of the 7th International Conference MTC 2009 Management of Technological Changes*, Vol. 2, Alexandroupolis, Greece, ISBN 978-960-89832-8-1
34. Dughir Ciprian, Groza Voicu, Vartosu Adrian, Prostean Gabriela, Quality Monitoring of Electrical Power Distribution Network Using a Low-power Microcontroller, *Proceedings of the 2009 IEEE Electrical Power & Energy Conference*, ISBN 978-1-4244-4509-7
35. Stefanescu, W., Pugna, A., Pleniceanu, A., Considerations regarding of basaltic materials usage with mineralizers input in machine building, *Annals of DAAAM for 2009 & Proceedings of the 20th International DAAAM Symposium "Intelligent Manufacturing & Automation: Focus on Theory, Practice and Eduction"* 25-28th Nov. Vienna, Austria, pp. 525-526, ISSN 1726-9679, ISBN 978-3-901509-70-4
36. Tion, M., Preda, O., Furduliu I., E-learning in Romanian University, *Proceedings of the 6th International Conference MTC 2009 Management of Technological Changes*, September 3th-5th, 2009 Alexandroupolis, Greece, ISBN 978-960-8932-1-2 (vol. 1), pp. 157-162
37. Vacarescu, V., Vacarescu, C., Argesanu, V., Draghici, A., An optical method for the robot's performances testing, *The 20th International DAAAM Symposium*, 25-28th November 2009, Vienna, Austria. ISSN 1726-9679, ISBN 978-3-901509-70-4, pp. 0807-0808
38. Vacarescu, V., Draghici, A., Argesanu, V., Vacarescu, C., Crastiu, I., Evaluation of an industrial robot's pose performances, *The 20th International DAAAM Symposium "Intelligent Manufacturing & Automation: Theory, Practice & Education"*, 25-28th November 2009, Vienna, Austria ISSN 1726-9679, ISBN 978-3-901509-70-4, pp. 1149-1150

39. Alan, P., Negrut, M.L., Problems of project management implementation in SMES, Management of Technological Changes - *Proceedings of the 6-th International Conference on Management of Technological Changes*, Volume 1, Democritus University of Trace Greece september 3-5, 2009, Alexandroupolis, Greece, ISBN 978-960-89832-6-7, ISBN (Volume 2) 978-960-89832-8-1-5, pp. 391-392
40. Dumitrescu, C., Neacsu, R., Zamfirescu, N., Underground Economy disturbing factor in national economy development, *The 20th International DAAAM Symposium "Intelligent Manufacturing & Automation: Theory, Practice & Education"*, 25-28th November 2009, Vienna, Austria ISSN 1726-9679, ISBN 978-3-901509-70-4, pp. 989-990
41. Braun, A., Dumitrescu, C., Lammer, B., Inovative alternative to picking in the central area of cities ecological technology, *The 20th International DAAAM Symposium "Intelligent Manufacturing & Automation: Theory, Practice & Education"*, 25-28th November 2009, Vienna, Austria ISSN 1726-9679, ISBN 978-3-901509-70-4, pp. 1323-1324
42. Mihărtescu, A. A., Drăghici, A., Drăghici, G., The Identification of Users and Their Relations with the Product Development Team, *Annals of the Oradea University Fascicle of Management and Technological Engineering*, CD-ROM Edition, vol. VIII (XVIII), 2009, ISSN 1583-0691, pp. 1896-1899 CNCISIS B+/ BDI Ulrich
43. Mihărtescu, A. A., Mazilescu, A. C., Negrut, M. L., Aspects Regarding the Accomplishment of Market Research in Virtual Environment, *Annals of the Oradea University Fascicle of Management and Technological Engineering*, CD-ROM Edition, vol. VIII (XVIII), 2009, ISSN 1583-0691, pp. 1890-1895 CNCISIS B+/ BDI ULRICH
44. Mazilescu, C. A., Draghici, A., Mihartescu, A. A., Constantin, D., Aspects of scientific and technological culture at students in technical sciences, *Proceedings of the 5th Balkan Region on Engineering Education & 2nd International Conference On Engineering and Business Education*, Sibiu, Romania, 15-17 october 2009, pp. 527-530, ISBN 978-973-739-848-2
45. Popa H. L., Clustering. A systemic approach, *Scientific Bulletin of the "Politehnica" University of Timișoara*, Romania, Transactions on Management. Engineering Economy. Transportation Engineering, Tom 54 (68), Fasc.1, 2009, pp. 5-32, ISSN 1224-6050

PHD THESIS SUSTAINED

1. Neghina Cristian, Contributions regarding the efficientization of techniques and method from criminality activities, including the thermo mechanics using into ballistics PhD supervisor: Prof.dr.eng. Constantin Dan Dumitrescu and Prof. dr. eng. Danila Iorga

PERSPECTIVE DOMAINS

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

RESEARCH TEAM

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 Prof.dr.eng. Anghel TĂROATĂ
 Prof.dr.eng. Constantin DUMITRESCU
 Prof.dr.eng. Elemer IGNATON
 Prof.dr.eng. Gabriela PROȘTEAN
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RESEARCH DIVISION FOR TECHNICAL AND PRODUCTION SYSTEMS ENGINEERING

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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. ResEUr – Certified EU Researcher-Entrepreneur, 503021 –LLP -1-2009 -1-BE -LEONARDO -LMP, Leonardo da Vinci – Multilateral project, Development of Innovation

Value: 429.177 Lei
 Director: Prof. dr. eng. Draghici Anca
 Research team: Prof. dr. eng. Draghici George
 Prof. dr. eng. Mocan Marian
 Prof. dr. eng. Izvercianu Monica
 Lecturer dr. eng. Tion Monica
 Lecturer dr. Suciu Sorin
 As. dr. Albulescu Claudiu
 Lecturer dr. eng. Tamasila Matei
 Lecturer dr. eng. Taucean Ilie
 Dr. Mazilescu Alina

PUBLICATIONS**BOOKS**

1. Alan, P., Danciu, L., *Programming environments – course*, Ed. Gutengerd Univers, 2009, 90 pages, Cod ISBN 978-973-1869-51-3 (published in Romanian)
2. Alan, P., Danciu, L., *Programming environments – applications*, Ed. Gutengerd Univers, 2009, 90 pages, Cod ISBN 978-973-1869-52-0 (published in Romanian)
3. Drăghici A., Vacarescu V., Lovasz E., Irimie L., Serban C., Serban D., *Management of occupational risks*, Editura Politehnica 2009, ISBN 978-606-554-067-5
4. Drăghici A., Dobrea R. C., *Engineering and Management of Investments*, Editura Politehnica, 2009, ISBN 978-606-554-068-2

PUBLISHED PAPERS

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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

RESEARCH PROJECTS

1. Welding and Thermoplast Materials Testing Laboratory Development at the European Level PN II 322, Capacitati/2007-2009, ANCS

Director: Cocard M.
Research team: Assist.dr. Vartolomei Mihaela

2. Local Community Energy Services Using Aerflow, contract No. 21-036/2007-2010

Value UPT 70.000 Lei
Director: Milos Teodor
Research team: Prof. dr. ing. Barglazan Mircea
Gyulai Francisc, Manea Adriana
Sida, Dobanda Eugen, Badarau Rodica, Stroita Daniel, Ungureanu Anghel, Let Teodor, Ciobotaru Daniela, Cosovan Iolanda, Potorac Ioan, Botici Alexandru, Bej Adrian,
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PUBLICATIONS

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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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