CURRICULUM VITAE

(April 2014)

PERSONAL DETAILS

Name:	KEHRIS EVANGELOS	**Date of Birth**	7-10-1961
Position:	Professor,	**Phone:**	23210 49 238
	Dept. of Business Administration,	**e-mail:**	kehris@teiser.gr
	T.E.I. Central Macedonia		

STUDIES

1986 – 1990 **PhD in Computer Simulation**
University of Lancaster

1984 – 1985 **MSc in Operational Research**
London School of Economics (Μ. Βρετανία)

1979 – 1983 **Department of Mathematics**
Aristotle University of Thessaloniki, Greece

TEACHING

2001 – today **T.E.I. of Central Macedonia (previously TEI of Serres),**
Dept. of Business Administration
2001 – 2005 Assistant Prof.
2005 – 2009 Associate Prof.
2009 – today Professor

Undergraduate teaching

- Databases in Business Administration
- Management Information Systems
- Quantitative Methods in Decision Making I

Postgraduate teaching

- Database Technologies
- Management Information Systems

Books

- Relational Data Bases, KRITIKI, 2015

11/2007 – 2/2008 **ARISTOTLE UNIVERSITY OF THESSALONIKI**
Dept. of Economics
Taught the undergraduate course "Applied Informatics"

1995 – 2001 **T.E.I. of THESSALONIKI**
Research Associate for teaching the undergraduate courses:

- Programmin gin C (1995 - 1997)
- Information Systems I (1997 – 2001)

PARTICIPATION IN RESEARCH & EUROPEAN PROJECTS

12/2011-12/2014 Responsible for the project «SHALE See the Whole Landscape: A semantic web service for constructing concept maps»

1/4/2004 – 31/12/2007 Responsible for the project "Web-based Groupware Software System"

10/4/1989 – 31/6/1990 Research associate in the project «*Statistical methods for inference between incompatible zonal systems*» carried out by the Univ. of Lancaster

14/4/2011 - Member of the Quality Assurance Unit of TEI of Serres

ADMINISTRATION

1/2013 –	Dean of the Administration & Economics Faculty of TEI of Central Macedonia.
9/2010 – 12/2012	Head of the Business Administration Dept, TEI of Central Macedonia

PUBLICATIONS

A) Scientific journals

Π1. E. Kehris, «Web-based simulation of manufacturing systems», Int. Journal of Modelling Simulation, vol. 8 p. 102-113, 2009.

Π2. S. Dimitriadis, E. Kehris, «Cutting Stock Process Optimisation In Custom Door And Window Manufacturing Industry», International Journal of Decision Sciences, Risk and Management, Vol. 1. Nos 1/2, p. 66-80, 2009

Π3. E. Kehris, «Functional Testing Techniques for Discrete-Event Simulation», WSEAS Transactions on Systems, 8 (5), p. 2011-2018, 2006.

Π4. K. E. Evangelidis, E. Kehris, T. H. Kaskalis, «A Laboratory Assistance Module», International Journal of Information Technology, Vol. 1. no. 2, p. 79 - 82, 2005.

Π5. P.Kefalas, G.Eleftherakis, E.Kehris, «Communicating X-Machines: a practical approach for formal and modular specification of large systems», Information and Software Technology, Vol. 45, Issue 5, pp.269-280, April 2003. .

Π6. P.Kefalas, G.Eleftherakis, E.Kehris, «Communicating X-Machines: from theory to practice», Lecture Notes in Computer Science Vol. 2563, Springer-Verlag, eds: Y. Manolopoulos, S. Evripidou and A. Kakas, pp. 316 – 335, 2003

Π7. Z. Doulgeri, E. Kehris, «Effect of workstation loading on the objective of the system's entry policy in a FMS», Integrated Manufacturing Systems, Vol. 14, No. 3, p. 293 – 304, 2003.

Π8. E. Kehris, Z. Doulgeri, «Improving simulation project efficiency using web technology», Simulation, Vol. 78, No. 9, p. 568 – 579, 2002.

Π9. Z. Doulgeri, E. Kehris, «A periodic loading policy for a flexible transfer line: development and simulation assessment», Yugoslav Journal of Operations Research, 8 (2), 1998, p. 225 – 234.

Π10. R. Flowerdew, M. Green, E. Kehris, «Using areal interpolation methods in geographical information systems», Papers in Regional Science: the journal of the RSAI, vol. 70, no. 3, p. 303-315, 1991.

B) International Conference

Δ1. Eleftherakis, G., Kefalas, P., Kehris, E., "A methodology for developing component-based agent systems focusing on component quality ", Federated Conference on Computer Science and Information Systems, Szczecin, Poland, 19-21 Sept. 2011,

Δ2. T. Giouvanakis, E. Kehris, A. Mpakavos, H. Samaras, M. Tsourela, "Identifying Core Issues in Concept Maps ", Int. Conf. the Future of Education, 13-14 June 2013, Florence , 2013

Δ3. T. Giouvanakis, E. Kehris, A. Mpakavos , "A web-based educational software environment that supports students to develop and reflect on concept maps", European Science Education Research Association Conference (ESERA) 2013, Nicosia, 2-7 September, 2013

Δ4. T. Giouvanakis, H. Samaras, E. Kehris, A. Mpakavos, "Assessing the Structure of a Concept Map", International Association for the Development of the Information Society (IADIS) International Conference e-Learning,Prague, 22-26 July, 2013

Δ5. E. Kehris, D. Dranidis «Application of Reinforcement Learning for the Generation of an Assembly Plant Entry Control Policy», 10th Engineering Applications of Neural Network, Thessaloniki, 2007.

Δ6. C. Zafiropoulos, E. Kehris, S. Dimitriadis, «Employment of the Business Administration Graduates: the Case of a Greek Technological Educational Institute», 5th Int. Conference *New Horizons in Industry, Business and Education*", Rhodes, 2007.

Δ7. G. Fragidis, D. Paschaloudis, E. Kehris, K. Anastasiadou, M. Tsourela, Traditional programmes for the new economy : a survey of European MBAs, 10th UICEE Annual Conference on Engineering Education, Bangkok, 2007, 237 – 240.

Δ8. E. Kehris, «Testing Discrete-Event Simulation Programs Using Black-Box Techniques», 10th WSEAS Int.Conf. on SYSTEMS, 2006, p. 50 - 55.

Δ9. C. Zafiropoulos, G. Fragidis, E. Kehris, S. Dimitriadis, D. Paschaloudis, «Service Quality Assessment in Higher Education: the case of Technological Educational Institute of Serres», 9th Int. Conference on Marketing Development, Thessaloniki, 8-11 June 2005.

Δ10. T. Giouvanakis, G. Fragidis, E. Kehris, H. Samaras, «Exploiting Concept Mapping in a Semantic Web Environment», Int. Conference on Advanced Learning Technologies Kaoshsiung, Taiwan, 5-8 July, 2005, 432 – 434.

Δ11. G. Eleftherakis, P. Kefalas, A. Sotiriadou, E. Kehris «Modeling Biology Inspired Reactive Agents Using X-Machines», International Conference on Computational Intelligence, Istanbul, 17-19 December, 2004 επίσης στο International Journal of Computational Intelligence).

Δ12. E. Kehris, S. Athianos, «The design of a Web-based groupware for financial analysis», 2nd International Conference on Accounting and Finance in Transition, Kavala, Greece, 9-11 July 2004.

Δ13. E. Kehris, D. Paschaloudis, C. David, G. Fragidis, «LabAssistant: A web-based general-purpose software for the delivery and administration of computer based laboratory sessions», in Proceedings of Computer Based Learning in Science, ed: C. P. Constantinou, Z.C. Zacharia, p. 392 – 399, Nicosia, 2003.

Δ14. E. Kehris, D. Paschaloudis, C. David, M. Theodoridou, «Development, delivery and administration of computer based laboratory sessions over the Web», 3rd International Conference on New Horizons in Industry and Education, p. 326 – 334, Santorini, 2003.

Δ15. D. Dranidis, E. Kehris, Z. Doulgeri, «Using reinforcement learning for scheduling an assembly plant», 17th International Logistics Congress, Thessaloniki, October 2001, p. 81 - 89.

Δ16. D. Dranidis, E. Kehris, «A production scheduling strategy for an assembly plant based on reinforcement learning», In Proceedings of the 5th World MultiConference on Circuits, Systems, Communications & Computers (CSCC 2001), Crete, July 2001.

Δ17. Bamidis P.D., Eleftherakis G., Iakovou I, Psarouli E., E. Kehris, and Ketikidis P.H., «Computer Based Analysis Of Medical Questionnaires», VI International Conference on Medical Physics, Kappas C., Del Guerra a., Kolitsi Z., Damilakis Y., Theodorou K., (Eds), Monduzzi Editore, Bologna, 2000 (ISBN: 88-323-0901-7).

Δ18. E. Kehris, G. Eleftherakis, P. Kefalas, «Using X-machines to model and test discrete event simulation programs», 4th World Multi Conference on Circuits, Systems, Communication and Computers, Athens, July 2000, επίσης εμφανίζεται στο "Systems and Control: Theory and Applications", ed. N. Mastorakis, World Scientific and Engineering Society Press, 2000 (ISBN: 960-8052-11-4), p. 163 - 168.

Δ19. E. Kehris, Z. Doulgeri, «A Computer-based environment to support simulation projects of manufacturing systems», 5th Int. Conference of the Decision Sciences Institute, Athens, 1999, p. 225 – 227.

Δ20. E. Kehris, Z. Doulgeri, «A simulation environment for the development and assessment of real-time control strategies for Flexible Manufacturing Systems», 16ο European Conference on Operational Research, Brussels, July 1998.

Δ21. E. Kehris, «Computer-Aided verification of simulation programs based on their trace», 10th European Simulation Symposium, Nottingham, 1998, p. 137 - 141.

Δ22. E. Kehris, «*A geographical modelling environment built around ARC/IFNO*», in J. Harts, H.F.L. Ottens and H.J. Scholten (eds) EGIS 1990: Proceedings, Firsth European Conference on Geographical Information Systems, 1990, vol. 1, p. 556-564.

C) Greek Conferences

Ε1. Σ. Δημητριάδης, Ε. Κεχρής, Σ. Δημητρίου, Β. Καλαϊτζής, Γ. Δρογαλάς, "Τεχνολογίες Πληροφορικής και Διασφάλιση της Ποιότητας στην Ανώτατη Εκπαίδευση : Η περίπτωση του ΤΕΙ Σερρών", Εθνικό Συνέδριο Διοίκησης & Οικονομίας, 25-27 Μαΐου, Λάρισσα, 2012.

Ε2. Ε. Κεχρής, «Ομαδικό Διαδικτυακό Λογισμικό Προσομοίωσης Παραγωγικών Μονάδων», 19ο Συνέδριο ΕΕΕΕ, Άρτα, 2007.

Ε3. Δ. Πασχαλούδης, Ι. Μάρκοβιτς, Ε. Κεχρής, «Μία μελέτη για την επιλογή στελεχών στις ελληνικές επιχειρήσεις της Βορείου Ελλάδος», 16ο Πανελλήνιο Συνέδριο Στατιστικής, Καβάλα, σελ. 435 – 442.

Ε4. E. Kehris, Z. Doulgeri, S. Dimitriadis, «Web-based generic software for the monitoring, management and execution of OR projects», 16ο Συνέδριο Επιχειρησιακών Ερευνών, Λάρισα, 2003, 227 - 236.

Ε5. P. Kefalas, G. Eleftherakis, E. Kehris, «Modular modeling of large-scale systems using communicating X-Machines», 8th Panhellenic Conference in Informatics, p. 20-29, Cyprus, November 2001.

Ε6. A. Sotiriadou, E. Kehris, P. Amiridis, «ZTrans: Automatic translator from Z to SML», 7th Hellenic Conference on Informatics, p. II 132-II 141, Ioannina, 1999.

Ε7. G.C. Eleftherakis, E. Kehris, «Web-based reference library», 7th Hellenic Conference on Informatics, p. V44-V51, Ioannina, 1999.

Ε8. Γ. Δήμου, Π. Κεφαλάς, Ε. Κεχρής, «Ένα εικονικό εργαστήριο για τη διδασκαλία ηλεκτρικών κυκλωμάτων», 1ο Πανελλήνιο Συνέδριο στη διδακτική των Φυσικών Επιστημών και εφαρμογή νέων τεχνολογιών στην εκπαίδευση, Θεσσαλονίκη, 1998.

Ε9. Ε. Κεχρής, Π. Κεφαλάς, Α. Σωτηριάδου, «Γραφικό εργαλείο υποστήριξης αποφάσεων για την αξιολόγηση των πολιτικών ελέγχου ευέλικτων συστημάτων παραγωγής», 12ο Εθνικό Συνέδριο Επιχειρησιακών Ερευνών, Σάμος, Σεπτέμβριος, 1998.

Ε10. Ε. Κεχρής, Ζ. Δουλγέρη, Π.Χ. Κετικίδης, «Εφαρμογή των Logistics σε μονάδα παραγωγής θερμαντικών σωμάτων: Μελέτη με την μέθοδο της προσομοίωσης», 3ο Συνέδριο Logistics, σ. 129-135, Αθήνα, Σεπτέμβριος, 1998.

Ε11. Π.Χ. Κετικίδης, Κ. Γκιλής, Ε. Κεχρής, «Logistics Information Systems: Εργαλείο διαχείρισης υλικών πόρων», 3ο Συνέδριο Logistics, σ. 219-226, Αθήνα, 1998.

D) Research Reports

TA1. E. Kehris, "*Interfacing ARC/INFO and GLIM*", North West Regional Research Laboratories, Research Report no. 5. Η ίδια αναφορά εκδόθηκε και με τον τίτλο *Transferring data files between ARC/INFO and GLIM.*

TA2. E. Kehris, "*Spatial autocorellation statistics in ARC/INFO*", North West Regional Research Laboratories, Research Report no. 16.

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The work by E. Kehris, entitled"Web-based simulation of manufacturing systems" is referenced at:

1. Schuh, G., Potente, T., Thomas, C., Hauptvogel, A., Mueller, C., Stollwerk, A., «Web-based value stream oriented simulation of production control», Proceedings - Winter Simulation Conference, 2012.
2. Pereira, A., «FMS Performance under balancing machine workload and minimizing part movement rules», International Journal of Simulation Modelling, 10 (2), pp. 91-103, 2011.
3. Palcic, I., Buchmeister, B., Polajnar, A., «Analysis of innovation concepts in slovenian manufacturing companies»Strojniski Vestnik/Journal of Mechanical Engineering, 56 (12), pp. 803-810, 2010.
4. Tesic, Z., Mitrovc, V., Cosic, I., Lalic, D. «Integration of information for manufacturing shop control», Strojniski Vestnik/Journal of Mechanical Engineering, 56 (3), 2010.

The work by E. Kehris, entintled «Functional Testing Techniques for Discrete-Event Simulation», WSEAS Transactions on Systems, 8 (5), p. 2011-2018, 2006, is referenced at:

5. Gallo, M., Guerra, L., Guizzi, G., «Hybrid remanufacturing/manufacturing systems: Secondary markets issues and opportunities», WSEAS Transactions on Business and Economics, 6 (1), pp. 31-41, 2009.

The work by C. Zafiropoulos, G. Fragidis, E. Kehris, S. Dimitriadis, D. Paschaloudis, entintled «Service Quality Assessment in Higher Education: the case of Technological Educational Institute of Serres», 9th Int. Converence on Marketing Development, Thessaloniki, 8-11 June 2005 is referenced at:

6. L.A. Petruzzellis, A.M. D'Uggento, S. Romanazzi, Student satisfaction and quality of service in Italian universities, Managing Service Quality, vol 16, issue 4, 2006, p. 349 – 364. [AN1]

The work by Z. Doulgeri, E. Kehris, entitled «Effect of workstation loading on the objective of the system's entry policy in a FMS», Integrated Manufacturing Systems, Vol. 14, No. 3, p. 293 – 304, 2003. is referenced at:

7. Khadem, M., Ali, A., «Modeling and simulation for car battery manufacturing for cost effectiveness», Proceedings of the IASTED International Conference on Intelligent Systems and Control, pp. 50-54, 2008
8. B. Lalic, I. Cosic, Z. Anisic, Simulation based design and reconfiguration of production systems, Int. journal of simulation modeling, 4 (4) p. 173 – 183, 2005. [AN2]
9. J. O' Kane, Simulating production performance: cross case analysis and policy implications, Industrial management and data systems, 104 (3), p. 309 – 321, 2004. [AN3]

The work by E. Kehris, Z. Doulgeri, entintled «Improving simulation project efficiency using web technology», Simulation, Vol. 78, No. 9, p. 568 – 579, 2002, is referenced at:

10. Jahangirian, M., Eldabi, T., Naseer, A., Stergioulas, L.K., Young, T., «Simulation in manufacturing and business: A review», European Journal of Operational Research, 203 (1), pp. 1-13, 2010.
11. R.F Lu, G. Qiao, C. McLean, NIST XML simulation interface specification at Boeing: a case study, In Proc. of the 2003 Winter Simulation Conference, S. Chick, P.J. Sanchez, D. Ferrin, D.J. Morrice (Eds), pp. 1230 -1237. [AN4]
12. G. Z Yang, F. Xu, Y.D. Gong, W. S. Wang, Experiment and modeling of dynamic response system on virtual lathe, Journal of Northeastern Univ. 25 (1), p. 70-73, 2004. [AN5]

The work by P.Kefalas, G.Eleftherakis, E.Kehris, entitled «Communicating X-Machines: a practical approach for formal and modular specification of large systems», Journal of Information and Software Technology, Vol.45, Issue 5, pp.269-280, April 2003, is referenced at:

13. M. Stannet, Simulation testing of automata, Formal Aspects of Computing, 18 (1), p. 31 -41, 2006. [AN6]
14. Petreska, I., Stamatopoulou, I. "A comparative study of tools for visualisation of state based spatial multi-agent models", (2013) ACM International Conference Proceeding Series, pp. 53-60.
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17. Zafar, N.A., Ali, G., "Transformation of X-machine to Z notation enhancing modeling power for distributed systems", (2010) International Conference on Software Engineering Theory and Practice 2010, SETP 2010, pp. 54-61.
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20. Merayo, M.G., Hierons, R.M., Nunez, M., "Extending Stream X-machines to specify and test systems with timeouts", (2008) Proceedings - 6th IEEE International Conference on Software Engineering and Formal Methods, SEFM 2008, art. no. 4685807, pp. 201-210.

The work by E. Kehris, G. Eleftherakis, P. Kefalas, entitled «Using X-machines to model and test discrete event simulation programs», in: N. Mastorakis (Ed.), Systems and Control: Theory and Applications, World Scientific and Engineering Society Press, p. 163–171, Athens, 2000, is referenced at:

21. F. Ipate, M. Holcombe, Testing data processing-oriented systems from stream X-machine models, Theoretical Computer Science, 403, 2008, 176 – 191. [AN7]
22. M.G. Merayo, M. Núñez,, Testing conformance on stochastic stream X-machines, 5th IEEE International Conference on Software Engineering and Formal Methods, 2007, 227 – 236. [AN8]
23. F. Ipate, Testing against a non-controllable stream X-machine using state counting, Theoretical Computer Science, 2006, p. 291 – 316. [AN9]

24. K. Bogdanov, M. Holcombe, F. Ipate, L. Seed, S. Vanak, Testing methods for X-Machines: a review, Formal Aspects of computing, 18 (1), pp. 3-30, 2006 [AN10]
25. F. Ipate, On the minimality of finite automata and stream X-machines for finite languages, Computer Journal, 48 (2), pp. 157 – 167, 2005 [AN11]
26. R.M. Hierons, M. Harman, Testing conformance of a deterministic implementation against a non-deterministic stream X-machine, Theoretical Computer Science 323, 191– 233, 2004. [AN12]
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28. M. Holcombe, What are X-Machines?, Formal Aspects of Computing, 12, 418 – 422, 2000. [AN14]

The work by P. Kefalas, G. Eleftherakis, E. Kehris, entitled Communicating X-machines: from theory to practice in Kakas, A., Manolopoulos Y., Evripidou S. (eds) Advances in Informatics, Lecture Notes in Computer Science, Springer, 2563, 2003, is referenced at:

29. R. Smallwood, M. Holcombe, The epitheliome project: multiscale agent-based modeling on epithelial cells, 3rd Int. Symposium on Biomedical Imaging, 2006, p. 816 – 819. [AN15]

The work by R. Flowerdew, M. Green, E. Kehris, entitled "Using areal interpolation methods in geographical information systems", Papers in Regional Science: the journal of the RSAI, vol. 70, no. 3, p. 303-315, 1991, is referenced at:

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