CURRICULUM VITAE in English

Name / Surname	:	**Eleftherios (Lefteris) Angelis**
Father's name	:	Stavros
Date / Place of birth	:	5 / 03 / 1964, Thessaloniki, Greece
Marital status	:	Married, 2 children
Address	:	28 Polemiston Str,
		55236 Thessaloniki, Greece
Telephones	:	+30-2310-342062 (home), +30-2310-998230 (office),
		+306986888249 (mobile)
e-mail	:	lef@csd.auth.gr
web site:		http://stains.csd.auth.gr/?page_id=13
skype:		lef_ange

Position:

Associate Professor with specialization: "***Statistics and Information Systems***", School of Informatics, Faculty of Sciences, Aristotle University of Thessaloniki (AUTH).

STUDIES
- 1986: Certificate of Secondary Education
- 1986: Bachelor degree in Mathematics, Aristotle University of Thessaloniki (AUTH)
- 1993: PhD in Statistics, School of Mathematics, AUTH.

ACADEMIC EXPERIENCE

Employment Status	Dates
Visiting assistant professor, School of Informatics, Technological Educational Institute of Thessaloniki.	1994 – 1999
Visiting Lecturer, School of Informatics, AUTH	1996 – 1999
Lecturer, School of Informatics, AUTH	1999 – 2004
Assistant Professor, School of Informatics, AUTH	2004 - 2010
Associate Professor, School of Informatics, AUTH	2010 – today

TEACHING EXPERIENCE
Undergraduate courses:
- Calculus I: 1996 - 2005
- Calculus II: 1996 - 2007
- Applied Mathematics I: 1996 – 2002
- Applied Mathematics II: 1996 – 2002
- Numerical Analysis: 1999 – 2007
- Discrete Mathematics: 2006-2008
- Probabilities & Statistics: 2003 – today
- Operations Research: 2006 – 2013
- Discrete Mathematics II: 2013-today
- Operations Research & Business Intelligence: 2014-today

Graduate-Master courses:
- *Master Program in "Informatics and Communications"*
  - Statistical Methods for Data Analysis (2003-today)
- *Master Program «Informatics and Management»*
  - Simulation in Management (2003- today)
  - Research Methodology and Data Analysis (2003-today)

Supervision of Theses:
- Supervisor of a large number of undergraduate (44 since 2007) and Master theses (54 since 2007).

ADMINISTRATIVE EXPERIENCE

Participation in a large number of positions and committees at the School of Informatics, AUTH. Indicatively:

- Deputy Head of the School (2011-today)
- Member of the steering committees of the Master Programs "Informatics & Management" (2003-today) and "Medical Informatics" (2013-today)
- Member of the committee of internal evaluation of the School of Informatics (2011-today)
- Member of the AUTH committee "Observatory of Students from Sensitive Social Groups" (2011-today)
- Representative of the Faculty of Sciences at the AUTH Office for Employment and Career (2013-today)
- Coordinator of the projects related to the funding of studies of the School of Informatics by the AUTH Research Committee.
- Participation in a large number of processes, events and committees of the School of Informatics and generally of AUTH.

RESEARCH INTERESTS

The research areas are listed with reference to the publications as these are numbered in the corresponding paragraphs below:

- Optimal experimental designs and sampling designs (*PhD Dissertation, J1, J2, J3, J4, J7, J14, J16;U1; C1, G1, G2, G6, G8, G12; A1, A2, A5-A7*)
- Robust estimators (*J5; G5*)
- Statistical methods in Software Engineering:
    - Cost estimation, study of the error in cost prediction models, imputation of missing values in cost models, methods for comparing cost prediction models, study of phases of software projects (*J6, J8, J12, J13, J21, J24, J32, J33, J34, J36, J41, J43, J50, J52, J61, J63, J64; B3, B6; C3, C4, C6, C11, C13, C19-C21, C26, C35, C38, C39, C40, C42, C44, C46, C48, C52, C53, C58, C59, C60, C64, C65, C71; G11, G14, G17, G18, G22; A10; TR1*).
    - Software defect prediction models (*J48; C72; G23*).
    - Open source software processes (*J10, J11, J18, J26, J31, J44; B1; C7, C31, C32, C41, C56, C61; G7, G10*).
    - Controlled experiments and surveys for studying the human factor (personality, behavior, preferences, learning tools, programming techniques, performance) in software development (*J15, J20, J22, J25, J39, J40, J42, J54, J57, J59, J67; C9, C12, C17, C22, C23, C27, C30, C36, C47, C57, C74; G15, G16*).
    - Prioritization of requirements and issues in software engineering through voting schemes (*J37, J46, J49, J55, J58, J60, J62; C43, C50, C54, C55, C69*).
- Statistical methods in knowledge discovery from web data, distributed databases and biomedical texts, clustering and classification methods and causal models for multivariate biomedical data (*J9, J19, J23, J29, J30, J35, J38, J47, J53, J56, J65; B2, B4, B5, B8; C8, C10, C15, C16, C24, C25, C29, C49, C62, C63, C68, C70; G13, G19, G24, G25; A8, A9, A12, A13, A14, A15; TR5*).
- Simulation and statistical methods in simulation (*J17, J27, J45, J51; C2, C5, C18, C34, C37, C45, C51, C67; G3, G20; A3, A4, A11*).
- Cryptographic data transformation (*J28; C14, C28*).
- Statistical methods in competency management of human resources (*B7; C66, C73; G27*).
- Statistical methods for vulnerabilities of Information Systems (*J66; G26*).
- Statistical data analysis for medical studies (*M1-M8*).
- Data analyses from surveys and experiment - studies (*C33; G4, G9, G21, TR2-TR4*).

SABBATICAL RESEARCH

- Guest researcher in Blekinge Institute of Technology, Sweden, within the framework of BESQ (Blekinge Engineering Software Qualities) research program (2007 and 2012). Papers resulted from the collaboration: *J37, J42, J46, J48, J49, J55, J57, J58, J59, J60, J62, J67; C36, C43, C47, C50, C54, C55, C65; G23*

PUBLICATIONS

PhD Dissertation

ANGELIS, L. (1993). Study and construction of optimal block experimental designs. *Department of Mathematics, Aristotle University (In Greek)*

Books

ANGELIS L., BLERIS G. (2003). Discrete Mathematics. *Tziolas Publications (In Greek)*

Journal Publications

J1. **ANGELIS** L., C. MOYSSIADIS (1991). A-optimal incomplete block designs with unequal block sizes for comparing test treatments with a control. *Journal of Statistical Planning and Inference (Elsevier), Vol. 28, pp. 353-368.*

J2. **ANGELIS** L., S. KAGEYAMA, C. MOYSSIADIS (1993). Methods of constructing A-efficient BTIUB designs. *Utilitas Mathematica (University of Manitoba, Canada), Vol. 44, pp. 5-15.*

J3. **ANGELIS** L., S. KAGEYAMA, C. MOYSSIADIS (1994). Construction of generalized binary proper efficiency-balanced block designs with two different replication numbers. *Sankhya Ser. B (Indian Statistical Institute, Springer since 2010), Vol.56, Part 2, pp. 259-266.*

J4. **ANGELIS** L., E. BORA-SENTA, C. MOYSSIADIS (1997). Optimal designs with a single two-level factor and n autocorrelated observations. *Utilitas Mathematica (University of Manitoba, Canada), Vol. 52, pp. 29-42.*

J5. DASIOU D., L. **ANGELIS**, C. MOYSSIADIS (1999). Alternative M-estimators of location and their linear convex combinations. *Communications in Statistics: Theory and Methods (Marcel Dekker / Taylor & Francis), Vol. 28, 1, pp. 19-33.*

J6. **ANGELIS** L., I. STAMELOS (2000). A simulation tool for efficient analogy based cost estimation. *Empirical Software Engineering (Springer), 5, pp. 35-68.*

J7. **ANGELIS** L., E. BORA-SENTA, C. MOYSSIADIS (2001). Optimal exact experimental designs with correlated errors through a simulated annealing algorithm. *Computational Statistics and Data Analysis (Elsevier), Vol. 37/3, pp. 275-296.*

J8. STAMELOS I., L. **ANGELIS** (2001). Managing uncertainty in project portfolio cost estimation. *Information and Software Technology (Elsevier), 43, pp. 759-768 .*

J9. VAKALI A., L. **ANGELIS,** D. POURNARA (2001). Internet based auctions: A survey on models and applications. *ACM SIG on E-commerce Exchanges (ACM), Vol. 2.2, pp. 6-15.*

J10. STAMELOS I., L. **ANGELIS**, A. OIKONOMOY, G. BLERIS (2002). Code quality analysis in open source software development. *Information Systems Journal (Wiley-Blackwell), 2nd special issue on Open Source, 12, pp. 43-60.*

J11. ANTONIADES I., I. STAMELOS, L. **ANGELIS**, G. BLERIS**. (**2003). A novel simulation model for the development process of open-source software projects. *Software Process: Improvement and Practice (Wiley-Blackwell), Special Issue on Software Process Simulation and Modeling; 7: 173–188. (Acceptance ratio: 7/30=22%). The journal is now known as the "Journal of Software: Evolution and Process".*

J12. STAMELOS I., L. **ANGELIS**, P. DIMOU, E. SAKELLARIS (2003). On the use of Bayesian belief networks for the prediction of software development productivity. *Information and Software Technology (Elsevier), 45, 1, pp. 51-60.*

J13. STAMELOS I., L. **ANGELIS**, M. MORISIO, G. BLERIS, E. SAKELLARIS (2003). Estimating the development cost of custom software. *Information & Management (Elsevier), 40, pp. 729-741.*

J14. **ANGELIS** L. (2003). An evolutionary algorithm for A-optimal incomplete block designs. *Journal of Statistical Computation and Simulation (Taylor & Francis), 10, 753-771.*

J15. DELIGIANNIS I., I. STAMELOS, L. **ANGELIS**, M. ROUMELIOTIS, M. SHEPPERD (2004). A controlled experiment investigation of an object-oriented design heuristic for maintainability. *Journal of Systems and Software (Elsevier), 72, 129-143.*

J16. **ANGELIS** L., G. STAMATELLOS (2004). Multiple objective optimisation of sampling designs for forest inventories using random search algorithms. *Computers and Electronics in Agriculture (Elsevier), 42, 129-148.*

J17. TERZI E., A. VAKALI, L. **ANGELIS**. (2004). A simulated annealing approach for multimedia data placement. *Journal of Systems and Software (Elsevier), Volume 73, Issue 3, 467-480.*

J18. SAMOLADAS I., I. STAMELOS, L. **ANGELIS**, A. OIKONOMOU (2004). Open source development should strive for even better code maintainability. *Communications of the ACM, vol. 47, 10, 83-87 (ACM).*

J19. TSOUMAKAS G**.,** L. **ANGELIS,** I. VLAHAVAS (2004). Clustering classifiers for knowledge discovery from physically distributed databases. *Data and Knowledge Engineering (Elsevier), 49, 223-242.*

J20. KAROULIS A., P. SFETSOS, I. STAMELOS, **L. ANGELIS**, A. POMBORTSIS (2004). Experimentally assessing a resource – effective design for ODL environments. *Interactive Technology and Smart Education (Emerald), Vol. 1, 4, 265-279*

J21. SENTAS P., L. **ANGELIS**, I. STAMELOS, G. BLERIS (2005). Software productivity and effort prediction with ordinal regression. *Information and Software Technology (Elsevier), Volume 47, Issue 1, 17-29.*

J22. KAROULIS A., I. STAMELOS, **L. ANGELIS**, A. POMBORTSIS (2005). Formally assessing an instructional tool: A controlled experiment in software engineering. *IEEE Transactions on Education, Volume 48, 1,133-139*

J23. TSOUMAKAS, G. L. **ANGELIS,** I. VLAHAVAS (2005). Selective Fusion of Heterogeneous Classifiers. *Intelligent Data Analysis Volume 9(6) 511 - 525 (IOS Press).*

J24. SENTAS P. and L. **ANGELIS** (2006). Categorical Missing Data Imputation for Software Cost Estimation by Multinomial Logistic Regression. *Journal of System and Software (Elsevier), 79, 404-414.*

J25. SFETSOS P., L. **ANGELIS**, I. STAMELOS (2006). Investigating the extreme programming system—an empirical study. *Empirical Software Engineering (Springer), 11: 269–301.*

J26. SOWE S., I. STAMELOS, L. **ANGELIS** (2006). Identifying knowledge brokers that yield software engineering knowledge in OSS projects. *Information and Software Technology (Elsevier), 48, 1025-1033.*

J27. KATSAROS P., L. **ANGELIS**, C. LAZOS (2007). Performance and effectiveness trade-off for checkpointing in fault tolerant distributed systems. *Concurrency and Computation: Practice and Experience (Wiley-Blackwell), 19:37–63.*

J28. MARNAS S. I., L. **ANGELIS**; G. L. BLERIS (2007). An Application of Quasigroups in All-Or-Nothing Transform. *Cryptologia (Taylor and Francis), Volume 31, Issue 2, 133-142*

J29. THEODOSIOU T., L. **ANGELIS**, A. VAKALI, G. THOMOPOULOS (2007) Gene functional annotation by statistical analysis of biomedical articles. *International Journal of Medical Informatics (Elsevier), 76, 601–613.*

J30. PALLIS G., L. **ANGELIS,** A. VAKALI. (2007) Validation and interpretation of Web users' sessions clusters. *Information Processing & Management (Elsevier) 43, 1348–1367.*

J31. SOWE S. K., I. STAMELOS, L. **ANGELIS** (2008). Understanding Knowledge Sharing Activities in Free/Open Source Software Projects: An Empirical Study. *Journal of Systems and Software (Elsevier), 81, 431–446.*

J32. MITTAS N., M. ATHANASIADES, L. **ANGELIS** (2008). Improving Analogy – Based Software Cost Estimation by a Resampling Method. *Information and Software Technology (Elsevier), 50, 221–230.*

J33. BIBI S., I. STAMELOS, L. **ANGELIS** (2008). Combining probabilistic models for explanatory productivity estimation. *Information and Software Technology (Elsevier), 50 656–669.*

J34. SENTAS P., L. **ANGELIS**, I. STAMELOS (2008). A Statistical Framework for Analyzing the Duration of Software Projects. *Empirical Software Engineering (Springer). 13:147–184*

J35. THEODOSIOU TH., L. **ANGELIS**, A. VAKALI (2008). Non-linear correlation of content and metadata information extracted from biomedical article datasets. *Journal of Biomedical Informatics (Elsevier), 41, 202–216.*

J36. MITTAS N., L. **ANGELIS** (2008). Comparing Cost Prediction Models by Resampling Techniques. *Journal of Systems and Software (Elsevier). Special Issue on Software Process and Product Measurement, 81, 616–632.*

J37. ROVEGARD P., L. **ANGELIS**, C. WOHLIN (2008). An Empirical Study on Views of Importance of Change Impact Analysis Issues. *IEEE Transactions On Software Engineering (IEEE), Volume 34, Issue 4, 2008, Pages 516-530.*

J38. THEODOSIOU T., N. DARZENTAS, L. **ANGELIS**, C. OUZOUNIS (2008). "PuReD-MCL: a graph-based PubMed document clustering methodology". *Bioinformatics (Oxford Univ. Press), Bioinformatics 24(17): 1935-1941.*

J39. KAROULIS, A., I. STAMELOS, L. **ANGELIS** (2008). Experimental Evaluation of an Instructional Supporting Tool in Distance Learning. *Educational Technology & Society (IEEE Computer Soc, Learning Technology Task Force), 11(3), 67–81.*

J40. SFETSOS P., I. STAMELOS, L. **ANGELIS**, I. DELIGIANNIS (2009). An Experimental Investigation of Personality Types Impact on Pair Effectiveness in Pair Programming. *Empirical Software Engineering (Springer) 14:187–226*

J41. MITTAS N., L. **ANGELIS**. (2010). Visual Comparison of Software Cost Estimation Models by Regression Error Characteristic Analysis. *Journal of Systems and Software (Elsevier) 83, 621–637*

J42. FELDT R., L. **ANGELIS**, R. TORKAR, MARIA SAMUELSSON (2010). Links between the personalities, views and attitudes of software engineers. *Information and Software Technology (Elsevier) 52, 611–624*

J43. MITTAS N., L. **ANGELIS**. (2010). LSEbA: Least Squares Regression and Estimation by Analogy in a Semi-Parametric Model for Software Cost Estimation. *Empirical Software Engineering (Springer), 15: 523-555.*

J44. SAMOLADAS I., L. **ANGELIS**, I. STAMELOS (2010). Survival analysis on the duration of open source projects. *Information and Software Technology (Elsevier) 52 902–922.*

J45. MENTIS A., P. KATSAROS, L. **ANGELIS**, G. KAKARONTZAS (2010). Quantification of interacting runtime qualities in software architectures: insights from transaction processing in client-server architectures. *Information and Software Technology (Elsevier), 52, 1331–1345*

J46. KUZNIARZ L., L. **ANGELIS** (2011). Empirical extension of a classification framework for addressing consistency in model based development. *Information and Software Technology (Elsevier), 53, 214–229*

J47. THEODOSIOU TH., I. VIZIRIANAKIS, L. **ANGELIS**, A. TSAFTARIS, N. DARZENTAS (2011). MeSHy: mining unanticipated PubMed information using frequencies of occurrences and concurrences of MeSH terms. *Journal of Biomedical Informatics (Elsevier), 47, 919-926.*

J48. LIPARAS D., L. **ANGELIS**, R. FELDT (2012). Applying the Mahalanobis-Taguchi strategy for software defect diagnosis. *Automated Software Engineering (Springer), 19, 2,141-165.*

J49. WOHLIN C., A. AURUM, L. **ANGELIS**, L. PHILLIPS, Y. DITTRICH, T. GORSCHEK, H. GRAHN, K. HENNINGSSON, S. KÅGSTRÖM, G. LOW, P. ROVEGÅRD, P. TOMASZEWSKI, C.V. TOORN, J. WINTER (2012). Success Factors Powering Industry-Academia Collaboration in Software Research. *IEEE Software (IEEE), Vol. 29, Iss. 2, 67-73.*

J50. MITTAS N., L. **ANGELIS** (2012). A Permutation Test based on Regression Error Characteristic Curves for Software Cost Estimation Models. *Empirical Software Engineering (Springer), 17,1-2, 36-41.*

J51. MENTIS A., P. KATSAROS, L. **ANGELIS** (2012). A simulation process for asynchronous event processing systems: evaluating performance and availability in transaction models. *Simulation Modelling Practice and Theory (Elsevier), Vol. 29, pp.66-77.*

J52. MITTAS N., L. **ANGELIS** (2013). Ranking and Clustering Software Cost Estimation Models through a Multiple Comparisons Algorithm. *IEEE Transactions On Software Engineering (IEEE), 39 (4), 537-551.*

J53. LIPARAS D., N. LASKARIS, L. **ANGELIS** (2013). Incorporating Resting State Dynamics in the Analysis of Encephalographic Responses by means of the Mahalanobis - Taguchi Strategy. *Expert Systems with Applications (Elsevier), Vol. 40, 7, 2621-2630.*

J54. SFETSOS P., P. ADAMIDIS, L. **ANGELIS**, I. STAMELOS, I. DELIGIANNIS (2013). Heterogeneous Personalities Perform Better in Pair Programming: The Results of a Replication Study. *Software Quality Professional Magazine (American Society for Quality-ASQ), 15 (4).*

J55. BARNEY S., V. MOHANKUMAR, P. CHATZIPETROU, A. AURUM, C. WOHLIN, L. **ANGELIS** (2014). Software quality across borders: Three case studies on company internal alignment. *Information and Software Technology (Elsevier) 56 (1), 20-38.*

J56. LIPARAS D., S. DIMITRIADIS, N. LASKARIS, A. TZELEPI, K. CHARALAMBOUS, L. **ANGELIS** (2014). Exploiting the temporal patterning of transient VEP signals: A statistical single-trial methodology with implications to Brain-Computer Interfaces (BCIs). *Journal of neuroscience methods (Elsevier), vol. 232, 30, 189-198.*

J57. KOSTI M. V., R. FELDT, L. **ANGELIS** (2014). Personality, emotional intelligence and work preferences in software engineering: An empirical study. *Information and Software Technology, 56(8), 973-990 (Elsevier).*

J58. PETERSEN K., M. KHURUM, L. **ANGELIS** (2014). Reasons for bottlenecks in very large-scale system of systems development. *Information and Software Technology (Elsevier), 56(10), 1403–1420.*

J59. GORSCHEK T., E. TEMPERO, L. **ANGELIS** (2014). On the use of software design models in software development practice: an empirical investigation. *Journal of Systems and Software (Elsevier), vol.95, 176-193.*

J60. JALALI S., C. WOHLIN, L. **ANGELIS** (2014). Investigating the Applicability of Agile Assessment Tools: A Case Study. *Journal of Systems and Software (Elsevier), Volume 98, 172–190.*

J61. MITTAS N., I. MAMALIKIDIS, L. **ANGELIS** (2015). A framework for comparing multiple cost estimation methods using an automated visualization toolkit. *Information and Software Technology (Elsevier), Vol. 57, 310–328*

J62. CHATZIPETROU P., L. **ANGELIS**, S. BARNEY, C. WOHLIN (2015). An experience-based framework for evaluating alignment of software quality goals. *Software Quality Journal (Springer), Vol. 23, Iss. 4, 567-594.*

J63. MITTAS N., E. PAPATHEOCHAROUS, **L. ANGELIS**, A. ANDREOU, A. S. (2015). Integrating Non-parametric Models with Linear Components for Producing Software Cost Estimations. *Journal of Systems and Software (Elsevier), Vol. 99, 120-134.*

J64. CHATZIPETROU P., E. PAPATHEOCHAROUS, L. **ANGELIS**, A. ANDREOU (2015). A Multivariate Statistical Framework for the Analysis of Software Effort Phase Distribution. *Information and Software Technology (Elsevier), Vol. 59, 149-169.*

J65. TSANOUSA A., N. LASKARIS, L. **ANGELIS** (2015) A novel single-trial methodology for studying brain response variability based on archetypal analysis. *Expert Systems with Applications (Elsevier), Vol. 42, Iss. 22, 8454-8462.*

J66. SPANOS G., L. **ANGELIS**. (2015). Impact Metrics of Security Vulnerabilities: Analysis and Weighing. *Information Security Journal: A Global Perspective, (Taylor & Francis) 24:57-71.*

J67. KOSTI, M. V., R. FELDT, L. **ANGELIS** (2015). Archetypal personalities of software engineers and their work preferences: a new perspective for empirical studies. *Empirical Software Engineering (Springer), published online (24 pages).*

University Bulletin Publications

U1. KAGEYAMA S., L. **ANGELIS**, C. MOYSSIADIS (1993). Tables of A-efficient BTIUB designs. *Bulletin of the Faculty of School Education, Hiroshima University, Part II, Vol. 15, pp. 45-50.*

Book Chapters

B1. ANTONIADES I., I. SAMOLADAS, I. STAMELOS, L. **ANGELIS**, G. BLERIS (2005). Dynamical simulation models of the open-source development process. *In "Free/Open Source Software Development", Idea Group Publishing, pp. 174-202.*
    (*The paper was also selected for publication in "Global Information Technologies: Concepts, Methodologies, Tools, and Applications (6 Volumes)" Edited By: Felix B. Tan, same publisher*)

B2. VAKALI, A., G. PALLIS, L.**ANGELIS**. (2007). Clustering Web Information Sources. *In "Web Data Management Practices: Emerging Techniques and Technologies", Idea Group Inc. Publishing, pp. 34-55.*

B3. **ANGELIS** L., P. SENTAS, N. MITTAS, P. CHATZIPETROU. (2011). Methods for statistical and visual comparison of imputation methods for missing data in software cost estimation. *In "Modern Software Engineering Concepts and Practices: Advanced Approaches" Editors Ali H. Dogru, Veli Bicer, IGI Global.*

B4. BOHLOULI M., F. SCHULZ, L. **ANGELIS**, D. PAHOR, I. BRANDIC, D. ATLAN, R. TATE (2013). Towards an Integrated Platform for Big Data Analysis. *Integration of Practice-oriented Knowledge Technology: Trends and Prospective, Madjid Fathi (Ed.), Springer.*

B5. THEODOSIOU T., N. DARZENTAS, L. **ANGELIS**. (2014). Discovering Knowledge in Scientific Publications: Potential for Supporting Personalized Medicine Decisions. *In: "Handbook of Personalized Medicine: Advances in Nanotechnology, Drug Delivery and Therapy", Ed. I.S. Vizirianakis., Pan Stanford Publishing.*

B6. **ANGELIS** L., N. MITTAS, P. CHATZIPETROU. (2014). A framework of statistical and visual techniques for missing data analysis in software cost estimation. *In Handbook of Research on Innovations in Systems and Software Engineering (2 Volumes). Editors: Vicente García Díaz, Juan Manuel Cueva Lovelle and B. Cristina Pelayo García-Bustelo, IGI Global.*

B7. BOHLOULI, M., F. ANSARI, G. KAKARONTZAS, L. **ANGELIS** (2015). An Adaptive Model for Competences Assessment of IT Professionals. *In Integrated Systems: Innovations and Applications (pp. 91-110). Springer International Publishing.*

B8. TSANOUSA A., S. NTOUFA, N. PAPAKONSTANTINOU, K. STAMATOPOULOS, L. **ANGELIS**. Discovering Causal Patterns with Structural Equation Modeling: Application to Toll-like Receptor Signaling Pathway in Chronic Lymphocytic Leukemia. *In Pattern Recognition In Computational Molecular Biology: Techniques And Approaches. Editors: Mourad Elloumi, Costas S. Iliopoulos, Jason T. L. Wang and Albert Y. Zomaya. Wiley Book Series on Bioinformatics: Computational Techniques and Engineering, Wiley-Blackwell, John Wiley & Sons Ltd., New Jersey, USA: (To Appear, 2016).*

International Conferences

C1. **ANGELIS** L., C. MOYSSIADIS (1994). Construction of A-efficient block designs for comparing test treatments with a control through (M,S)-optimality. *2nd Hellenic European Conference on Mathematics and Informatics, Athens, Greece, September 1994.*

C2. **ANGELIS** L., A. GEORGIOU, A. PAPADOPOULOU (1995). Investigating budget balance by Monte Carlo techniques. *3rd Balkan Conference on Operational Research, Thessaloniki, Greece, October 1995.*

C3. STAMELOS I., L. **ANGELIS**, E. SAKELLARIS (2001). BRACE: BootstRap based Analogy Cost Estimation: Automated support for an enhanced effort prediction method. *12th European Software Control and Metrics Conference, London, UK, April 2001.*

C4. **ANGELIS** L., I. STAMELOS, M. MORISIO (2001). Building a software cost estimation model based on categorical data. *7th IEEE International Software Metrics Symposium, London, UK, April 2001. IEEE Proceedings.*

C5. KATSAROS P., L. **ANGELIS**, C. LAZOS (2001). Applied multiresponse metamodelling for queuing network simulation experiments: problems and perspectives. *4ᵗʰ International EUROSIM 2001 Congress, Delft, The Netherlands, June 2001.*

C6. STAMELOS I., L. **ANGELIS**, G. BLERIS, E. SAKELLARIS (2001). A statistical simulation tool for software cost evaluation – a case study in industrial context. *Workshop on Education of Informaticians and Industrial Mathematicians – New Challenges and Needs, Ohrid, FYROM, June 2001.*

C7. ANTONIADES I., I. STAMELOS, **L. ANGELIS**, G. BLERIS (2001). Towards an open source software development simulation model. *Workshop on Education of Informaticians and Industrial Mathematicians – New Challenges and Needs, Ohrid, FYROM, June 2001.*

C8. VAKALI A., E. TERZI, L. **ANGELIS,** M. S. HACID (2001). Multimedia documents storage: An evolutionary based application. *International Workshop on Multimedia Data and Document Engineering, in conjunction with the 7th International Conference on Reverse engineering Technologies for Information Systems (ReTIS), Lyon, France, July 2001.*

C9. DELIGIANIS I., I. STAMELOS, L. **ANGELIS**, M. ROUMELIOTIS (2002). The impact of heuristics on object-oriented design maintainability: a controlled experiment. *4ᵗʰ International Workshop on Computer Science and Information Technologies (CSIT 2002), Patras, Greece, September 2002.*

C10. PALLIS G., A. VAKALI, L. **ANGELIS**, M. S. HACID (2003). A study on workload characterization for a web proxy server. *21ˢᵗ IASTED International Multi - Conference on Applied Informatics, Innsbruck, Austria, February 2003.*

C11. **ANGELIS L**., I. STAMELOS, G. BLERIS, (2003). Recent developments in information systems software cost estimation. *1ˢᵗ International Conference on Mathematics and Informatics for Industry, Thessaloniki, Greece, April 2003.*

C12. KAROULIS A, I. STAMELOS, L. **ANGELIS**, A. POMBORTSIS (2003). A controlled experiment investigation on the impact of an instructional tool for personalized learning. *3rd IEEE International Conference on Advanced Learning Technologies (ICALT 03), Athens, Greece, July 2003. IEEE Proceedings.*

C13. BIBI S., I. STAMELOS, L. **ANGELIS** (2003). Bayesian belief networks as a software productivity estimation tool. *1st Balkan Conference in Informatics, Thessaloniki, Greece, November 2003.*

C14. MARNAS S., L. **ANGELIS**, G. BLERIS (2003). All-or-nothing transforms using quasigroups. *1ˢᵗ Balkan Conference on Informatics, Thessaloniki, Greece, November 2003.*

C15. PALLIS G., L. **ANGELIS**, A. VAKALI, J. POKORNY (2004): A Probabilistic Validation Algorithm for Web Users' Clusters. *IEEE International Conference on Systems, Man and Cybernetics, Hague, Holland, October 2004. IEEE Proceedings.*

C16. BERBERIDIS C., L. **ANGELIS**, I. VLAHAVAS, (2004): "PREVENT: An algorithm for mining inter-transactional patterns for the prediction of rare events. *2ⁿᵈ European Starting AI Researcher Symposium (STAIRS' 04), Valencia, Spain, August 2004. IOS Press Proceedings.*

C17. DELIGIANNIS I., P. SFETSOS, I. STAMELOS, L. **ANGELIS**, A. XATZIGEORGIOU, P. KATSAROS (2004): Assessing the modifiability of two object-oriented design alternatives – A controlled experiment replication. *5th EUROSIM Congress on Modeling and Simulation, Paris, France, September 2004.*

C18. KATSAROS P., L. **ANGELIS**, C. LAZOS (2004): Simulation metamodeling for the design of reliable object based systems. *5th EUROSIM Congress on Modeling and Simulation, Paris, France, September 2004.*

C19. SENTAS P., L. **ANGELIS**, I. STAMELOS, G. BLERIS (2004): Multiple logistic regression as imputation method applied on software effort prediction. *Late breaking papers and Industrial Experiences Sessions, 10ᵗʰ IEEE International Symposium on Software Metrics, Chicago, USA, September 2004.*

C20. BIBI S., I. STAMELOS, L. **ANGELIS** (2004): Software cost prediction with predefined interval estimates *1st Software Measurement European Forum, Rome, Italy, January 2004.*

C21. *BIBI S., I. STAMELOS, L. **ANGELIS**: (2004) Software Productivity estimation based on Association Rules. 11ᵗʰ European Software Process Improvement Conference, Trondheim, Norway, November 2004.*

C22. *SFETSOS P., A .KAROULIS, L. **ANGELIS** (2004). Controlled Experiment Concerning Traditional and Distance Learning of UML Sequence Diagrams. 3rd International Conference on Computer Science, Software Engineering, Information Technology, e-Business, and Applications (CSITeA'04), Cairo, Egypt, December 2004.*

C23. *SFETSOS P., L. **ANGELIS**, I. STAMELOS, G. L. BLERIS (2004). Evaluating the Extreme Programming System –An Empirical Study. 5th International Conference on Extreme Programming and Agile Processes in Software Engineering. (XP 2004), Garmisch-Partenkirchen, Germany, June 2004. Springer Proceedings.*

C24. *PALLIS G., L. **ANGELIS**, A. VAKALI (2005). Model-based Cluster Analysis for Web Users Sessions. 15th International Symposium on Methodologies for Intelligent Systems (ISMIS 2005), Saratoga (NY), USA, May 2005. Springer Proceedings.*

C25. *THEODOSIOU T., L. **ANGELIS**, A. VAKALI (2005). Functional Annotation of Genes through Statistical Analysis of Biomedical Articles. 16th International Workshop on Database and Expert Systems Applications (DEXA'05), Copenhagen, Denmark, August 2005. IEEE Proceedings.*

7

C26. *SENTAS P., L. **ANGELIS** (2005). Survival Analysis for the Duration of Software Projects. 11th IEEE International Symposium of Software Metrics, Como, Italy, September 2005. IEEE Proceedings.*

C27. *KAROULIS A., I. STAMELOS, L. **ANGELIS** (2006). Formal Evaluation of an Instructional ODL tool. 6th IEEE International Conference on Advanced Learning Technologies (ICALT), Kerkrade, The Netherlands, July 2006. IEEE Proceedings.*

C28. MARNAS S., S. MADARIOTAKIS, L. **ANGELIS,** G. BLERIS (2006). Secure Internet Storage of Files. *5th International Symposium Communication Systems Networks and Digital Signal Processing (CSNDSP), Patras, Greece, July 2006.*

C29. THEODOSIOU T., L. **ANGELIS**, A. VAKALI: (2006). Exploring the correlation of biomedical article keywords to MeSH terms. *5th International IEEE EMBS Special Topic Conference on Information Technology in Biomedicine* (ITAB 2006), Ioannina, Greece, October 2006.

C30. SFETSOS P., I. STAMELOS, L. **ANGELIS**, I. DELIGIANNIS. (2006). Investigating the Impact of Personality Types on Communication and Collaboration-Viability in Pair Programming – An Empirical Study. *7th International Conference on eXtreme Programming and Agile Processes in Software Engineering (XP2006), Oulu, Finland, June 2006. Springer Proceedings.*

C31. SOWE S. K., I. STAMELOS, L. **ANGELIS** (2006). An empirical approach to evaluate students participation in free/open source software projects. *IADIS International Conference on Cognition and Exploratory Learning in Digital Age (CELDA 2006), Barcelona, Spain, December 2006.*

C32. SOWE, S. K., L. **ANGELIS**, I. STAMELOS, Y. MANOLOPOULOS (2007). Using Repository of Repositories (RoRs) to Study the Growth of F/OSS Projects: A Meta-Analysis Research Approach. *3rd International Conference on Open Source Systems, (OSS2007), Limerick, Ireland, June 2007. Springer Proceedings.*

C33. VLACHOU, M., L. **ANGELIS**, I. FLOROPOULOS (2007). The economic behaviour of students in Greece. Level of debt and future trends. Is there any reason for concern? *International Workshop in Economics and Finance (IWEF 2007), Tripolis, Greece, June 2007.*

C34. ALTSITSIADIS, E., L. **ANGELIS**, E. GRYLLOU, A. ALTSITSIADIS, K. TRIARIDES (2007). Simulation study of a private diagnostic center. *16th EUROSIM Congress, Ljubljana, Slovenia, September 2007.*

C35. BIBI M., N. MITTAS, L. **ANGELIS**, I. STAMELOS, E. MENDES (2007). Comparing Cross- vs. Within-Company Effort Estimation Models Using Interval Estimates. *International Conference on Software Process and Product Measurement (IWSM-Mensura 2007), Palma de Mallorca, Spain, November 2007.*

C36. FELDT R, R. TORKAR, L. **ANGELIS**, M. SAMUELSSON. (2008). Towards Individualized Software Engineering: Empirical Studies Should Collect Psychometrics. *ICSE 2008 Co-Located Workshop: Cooperative and Human Aspects of Software Engineering (CHASE'08), Leipzig, Germany, May 2008. ACM Proceedings.*

C37. MENTIS A., P. KATSAROS, L. **ANGELIS** (2008). ACID Sim Tools: A Simulation Framework for Distributed Transaction Processing Architectures. *SimulationWorks: Industry Track to The First International Conference on Simulation Tools and Techniques for Communications, Networks and Systems. Marseille, France, March 2008.*

C38. MITTAS N., L. **ANGELIS** (2008). Partial Regression Error Characteristic Curves for the Comparison of Software Cost Prediction Models. *Workshop on Artificial Intelligence, Techniques in Software Engineering (AISEW 2008), July 2008, Patras, Greece.*

C39. MITTAS N., L. **ANGELIS** (2008). Comparing Software Cost Prediction Models by a Visualization Tool. *34th EUROMICRO Conference on Software Engineering and Advanced Applications (SEAA), Parma, Italy, September 2008. IEEE Proceedings.*

C40. MITTAS N., L. **ANGELIS** (2008). Combining Regression and Estimation by Analogy in a Semi-parametric Model for Software Cost Estimation. *International Symposium on Empirical Software Engineering and Measurement (ESEM'08), Kaiserslautern, Germany, October 2008. ACM Proceedings.*

C41. SOWE S., I. SAMOLADAS, I. STAMELOS, L. **ANGELIS** (2008). Are FLOSS developers committing to CVS/SVN as much as they are talking in mailing lists? Challenges for integrating data from Multiple Repositories. *3nd International Workshop on Public Data about Software Development (WoPDaSD 2008). Co-located with The 4th International Conference on Open Source Systems, Milan, Italy, September 2008.*

C42. MITTAS N., L. **ANGELIS** (2009). Bootstrap Confidence Intervals for Regression Error Characteristic Curves Evaluating the Prediction Error of Software Cost Estimation Models. *2nd Artificial Intelligence Techniques in Software Engineering Workshop (AISEW2009), at the 5th IFIP Conference on Artificial Intelligence Applications and Innovations, Thessaloniki, Greece, April 2009.*

C43. KHURUM, M., T. GORSCHEK, L. **ANGELIS**, R. FELDT (2009). A controlled experiment of a method for early requirements triage utilizing product strategies. *15th International Conference on Requirements Engineering: Foundation for Software Quality (REFSQ09), Amsterdam, Netherlands, June 2009. Springer Proceedings.*

C44. MITTAS N., L. **ANGELIS** (2009). Bootstrap Prediction Intervals for a Semi-Parametric Software Cost Estimation Model. *35th EUROMICRO Conference on Software Engineering and Advanced Applications (SEAA 2009), Patras, Greece, August 2009. IEEE Proceedings.*

C45. MENTIS A., P. KATSAROS, L. **ANGELIS** (2009). Synthetic Metrics on Evaluating Runtime Quality of Software Architectures with Complex Tradeoffs. *35th EUROMICRO Conference on Software Engineering and Advanced Applications (SEAA 2009), Patras, Greece, August 2009. IEEE Proceedings.*

C46. HAMDAN K., S. BIBI, L. **ANGELIS**, I. STAMELOS (2009). A Bayesian Belief Network Cost Estimation Model that Incorporates Cultural and Project leadership Factors. *IEEE Symposium on Industrial Electronics & Applications (ISIEA 2009), Kuala Lumpur, Malaysia, October 2009. IEEE Proceedings.*

C47. GORSCHEK T., E. TEMPERO, L. **ANGELIS** (2010). A large-scale empirical study of practitioners' use of object-oriented concepts. *ACM/IEEE 32th International Conference on Software Engineering, Cape Town, South Africa, May 2010. ACM Proceedings.*

C48. HAMDAN K., L. **ANGELIS**, P. SMITH. (2010). Software Project Leadership and Cultural Characteristics: A Case-Study of Software Development in Private and Governmental Agencies in the United Arab Emirates (*In Arabic*). *6th International Computing Conference in Arabic (ICCA 2010), Hammamet, Tunisia, May 2010.*

C49. PAPARRIZOS I., V. KOUTSONIKOLA, L. **ANGELIS**, A. VAKALI. (2010). Automatic Extraction of Structure, Content and Usage Data Statistics of Web Sites. *21st ACM conference on Hypertext and hypermedia, Toronto, Canada, June 2010. ACM Proceedings.*

C50. CHATZIPETROU P., L. **ANGELIS**, P. ROVEGÅRD, C. WOHLIN (2010). Prioritization of Issues and Requirements by Cumulative Voting: A Compositional Data Analysis Framework. *36th EUROMICRO Conference on Software Engineering and Advanced Applications (SEAA), Lille, France, September 2010. IEEE Proceedings.*

C51. SPYROPOULOU A., L. **ANGELIS** (2010). A Simulation Study Of The Organization For Employment Of Workforce In Greece. *7th EUROSIM 2010 Congress on Modelling and Simulation, Prague, Chech Republic, September 2010.*

C52. MITTAS N., M. V. KOSTI, V. ARGYROPOULOU, L. **ANGELIS** (2010). Modeling the Relationship between Software Effort and Size Using Deming Regression. *6th International Conference on Predictive Models in Software Engineering (PROMISE'10). Timisoara, Romania, September 2010. ACM Proceedings.*

C53. KOSTI M. V., N. MITTAS, L. **ANGELIS** (2010). DD-EbA: An algorithm for determining the number of neighbors in cost estimation by analogy using distance distributions. *3rd Artificial Intelligence Techniques in Software Engineering Workshop (AISEW 2010), Ayia Napa, Cyprus, October 2010.*

C54. HAMDAN K., D. BALOUT, N. MITTAS, L. **ANGELIS** (2010). Estimating Learning By Analogy: A Case Study In The UAE University. *3rd International Conference of Education, Research and Innovation (ICERI2010), Madrid, Spain, November 2010. IATED Proceedings.*

C55. BARNEY S., C. WOHLIN, P. CHATZIPETROU, L. **ANGELIS** (2011). Offshore Insourcing: A Case Study on Software Quality Alignment. *6th International Conference on Global Software Engineering (ICGSE 2011), Helsinki, Finland, August 2011. IEEE Proceedings.*

C56. CHATZIPETROU P., S. BARNEY, L. **ANGELIS**, C. WOHLIN (2011). Software Product Quality in Global Software Development: Finding Groups of Aligned Goals. *37th EUROMICRO Conference on Software Engineering and Advanced Applications (SEAA 2011), Oulu, Finland, September 2011. IEEE Proceedings.*

C57. SFETSOS P., P. ADAMIDIS, L. **ANGELIS**, I. STAMELOS, I. DELIGIANNIS (2012). Investigating the Impact of Personality and Temperament Traits on Pair Programming: A Controlled Experiment Replication. *8th International Conference on the Quality of Information and Communications Technology (QUATIC), Lisbon, Portugal, September 2012. IEEE Proceedings.*

C58. CHATZIPETROU P., E. PAPATHEOCHAROUS, L. **ANGELIS**, A.S. ANDREOU (2012). An Investigation of Software Effort Phase Distribution Using Compositional Data Analysis. *38th EUROMICRO Conference on Software Engineering and Advanced Applications (SEAA 2012), Cesme, Izmir, Turkey, September 2012. IEEE Proceedings.*

C59. MITTAS N., I. MAMALIKIDIS, L. **ANGELIS** (2012). StatREC: A Graphical User Interface Tool for Visual Hypothesis Testing of Cost Prediction Models. *8th International Conference on Predictive Models in Software Engineering (PROMISE'12), Lund, Sweden, September 2012. ACM Proceedings.*

C60. KOSTI M., N. MITTAS, L. **ANGELIS** (2012). Alternative methods using similarities in software effort estimation. *8th International Conference on Predictive Models in Software Engineering (PROMISE'12), Lund, Sweden, September 2012. ACM Proceedings.*

C61. VOULGAROPOULOU S., G. SPANOS, L. **ANGELIS** (2012). Analyzing Measurements of the R Statistical Open Source Software. *35th Annual IEEE Software Engineering Workshop, Heraclion, Crete, Greece, October 2012. IEEE Proceedings.*

C62. VAKALI A., L. **ANGELIS**, M. GIATSOGLOU (2013). Sensors talk and humans sense towards a reciprocal collective awareness smart city framework. *2013 IEEE International Conference on Communications Workshops (ICC'13), Budapest, Hungary, June 2013. IEEE Proceedings.*

C63. TSANOUSA A., L. **ANGELIS**, S. NTOUFA, N. PAPAKONSTANTINOU, K. STAMATOPOULOS (2013). A Structural Equation Modeling Approach of the Toll-Like Receptor Signaling Pathway in Chronic Lymphocytic Leukemia. *24th International Workshop on Database and Expert Systems Applications (DEXA 2013), Prague, Czech Republic, August 2013. <u>IEEE Proceedings.</u>*

C64. MITTAS N., L. **ANGELIS** (2013). Overestimation and Underestimation of Software Cost Models: Evaluation by Visualization. *39th EUROMICRO Conference on Software Engineering and Advanced Applications (SEAA), Santander, Spain, September 2013. <u>IEEE Proceedings.</u>*

C65. AZHAR D., P. RIDDLE, E. MENDES, N. MITTAS, L. **ANGELIS** (2013). Using Ensembles for Web Effort Estimation. *ACM/IEEE International Symposium on Empirical Software Engineering and Measurement (ESEM 2013), Baltimore, Maryland, USA, October 2013. <u>IEEE Proceedings.</u>*

C66. BOHLOULI M., F. ANSARI, Y. PATEL, M. FATHI, M. CID LOITXATE, **L. ANGELIS** (2013). Towards analytical evaluation of professional competences in Human Resource Management. *39th Annual Conference of the IEEE Industrial Electronics Society (IECON 2013), Vienna, Austria, November 2013. <u>IEEE Proceedings.</u>*

C67. VOUVOUDI A., M.V. KOSTI, L. **ANGELIS** (2013) A simulation case study of email management within a large I.T. Company in Greece. *25th European Modeling and Simulation Symposium (EMSS 2013), Athens, Greece, September 2013.*

C68. BERGER, C., P. KATSAROS, M. BOHLOULI, L. **ANGELIS** (2013). An Interdisciplinary Perspective to the Design and Decision Support of Integral Safety Systems. *Dependable Control of Discrete Systems York, UK, September 2013.*

C69. CHATZIPETROU P., C. KARAPIPERIS, C. PALAMPOUIKI, L. **ANGELIS** (2014). Statistical Analysis of Requirements Prioritization for Transition to Web Technologies: A Case Study in an Electric Power Organization. *6th Software Quality Days (SWQD 2014), Vienna, Austria, January 2014. Springer Proceedings. <u>Springer Proceedings.</u>*

C70. LIPARAS D., A. TSANOUSA, N. LASKARIS, L. **ANGELIS** (2014) Analysing Brain Responses by Incorporating Archetypes in the Mahalanobis–Taguchi Strategy. *Poster presentation, 27th International Biometric Conference, Florence, Italy, July 2014.*

C71. MITTAS N., V. KARPENISI, L. **ANGELIS** (2014). Benchmarking effort estimation models using archetypal analysis. *10th International Conference on Predictive Models in Software Engineering (PROMISE 2014), Turin, Italy, September 2014. <u>ACM Proceedings.</u>*

C72. LIPARAS D., I. TOTLIS, L. **ANGELIS**, I. STAMELOS (2014). Predicting Fault-Prone Software Components in Telecommunication Assembly Patches with Imbalanced Datasets. *22nd Telecommunications Forum (TELFOR 2014), Belgrade, Serbia, November 2014. <u>IEEE Proceedings.</u>*

C73. MITTAS N., G. KAKARONTZAS, M. BOHLOULI, L. **ANGELIS**, I. STAMELOS, M. FATHI (2015). ComProFITS: A Web-based Platform for Human Resources Competence Assessment. *6th International Conference on Information, Intelligence, Systems and Applications (IISA 2015), Corfu, Greece, July 2015. <u>Proceedings will be published by IEEE.</u>*

C74. SFETSOS P., L. **ANGELIS**, I. STAMELOS (2015). Prioritized Test-Driven Reverse Engineering Process: A Case Study. *6th International Conference on Information, Intelligence, Systems and Applications (IISA 2015), Corfu, Greece, July 2015. <u>Proceedings will be published by IEEE.</u>*

Greek Conferences/Publications

G1. **ANGELIS, L.** and C. MOYSSIADIS (1991). A-optimal unequal block designs *(In Greek). 4th Panhellenic Conference in Statistics, Patras, May 1991. <u>Greek Statistical Institute Publication</u>.*

G2. **ANGELIS, L.** and C. MOYSSIADIS (1991). Methods for constructing BTIUB designs *(In Greek). 4th Panhellenic Conference in Statistics, Patras, Greece, May 1991. <u>Greek Statistical Institute Publication</u>*

G3. **ANGELIS, L.**, A. GEORGIOU and A. PAPADOPOULOU (1995). Investigating budget balance by Monte Carlo techniques *(In Greek). 8th Pan-Hellenic Conference in Statistics, Delfoi, June 1995. <u>Greek Statistical Institute Publication</u>.*

G4. GINOGLOU, D., **L. ANGELIS**, S. MOYSI and G. TSIANOGIANIS (1996). Problems of small or medium touristic enterprices of Chalkidiki. Proposed solution as corporate recovery *(In Greek). 10th Panhellenic Conference in Operational Research.*

G5. DASIOU, D., **L. ANGELIS** and C. MOYSSIADIS (1998). The convex linear combination of two M-estimators and its breakdown point *(In Greek). 11th Pan-Hellenic Conference in Statistics, Hania, June 1998. <u>Greek Statistical Institute Publication</u>.*

G6. **ANGELIS, L.** (2000). Random search algorithms with applications to problems of optimal experimental designs *(In Greek), 13th Panhellenic Conference in Statistics. Florina, May 2000. <u>Greek Statistical Institute Publication</u>.*

G7. STAMELOS I.**,** L. **ANGELIS, A.** OIKONOMOU (2001) Investigating the Relationship Between Source Code Modularity and User Satisfaction in Open-Source. *1st Panhellenic Conference with International Participation on Human-Computer Interaction, Patras, December 2001.*

G8. **ANGELIS**, L. (2002). Incomplete block designs for successive comparisons of ordered treatments *(In Greek). 15th Panhellenic Conference in Statistics, Ioannina, May 2002. Greek Statistical Institute Publication.*

G9. MARNAS S., L. **ANGELIS** (2002). A brief review of e-lottery schemes. *Informatics (Edited by Cyprus Computer Society), issue 3, pp. 25-26.*

G10. ANTONIADES I., I. STAMELOS, L. **ANGELIS,** G. BLERIS (2003). Dynamical simulation models for the development process of open source software projects. *9th Panhellenic Conference in Informatics, Thessaloniki, November 2003.*

G11. SENTAS, P., L. **ANGELIS**, I. STAMELOS (2003). Multinomial logistic regression applied on software productivity prediction. *9th Panhellenic Conference in Informatics, Thessaloniki, November 2003.*

G12. **ANGELIS**, L., G. STAMATELLOS (2003). Random search algorithms for optimal sampling designs in forest inventories *(In Greek). 16th Panhellenic Conference in Statistics, Kavala, May 2003. Greek Statistical Institute Publication.*

G13. C.BERBERIDIS, **L.ANGELIS**, I.VLAHAVAS (2004). Inter-Transaction Association Rules Mining for Rare Events Prediction. 3rd *Hellenic Conference on Artificial Intelligence, Samos, May 2004.*

G14. **ANGELIS** L., M. MUTSA (2004). Software cost estimation: resampling techniques for estimation by analogy *(In Greek). 17th Panhellenic Conference in Statistics*, *Lefkada, May 2004. Greek Statistical Institute Publication*

G15. SFETSOS, P., A. KAROULIS, I. STAMELOS, L. **ANGELIS**. (2005). Evaluating a minimalistic design for ODL Environments. *3rd International Conference on Open and Distance Learning, Applications of Pedagogy and Technology (ICODL 2005), Patras, November 2005.*

G16. KAROULIS A., I. STAMELOS, L. **ANGELIS**, (2005). The "Lesson Sheet" and its experimental evaluation*. 3rd International Conference on Open and Distance Learning, Applications of Pedagogy and Technology (ICODL 2005), Patras, November 2005.*

G17. **ANGELIS** L., P. SENTAS (2005). Duration Analysis of Software Projects. *10th Panhellenic Conference in Informatics, Volos, November 2005.*

G18. MITTAS N., L. **ANGELIS** (2006). Confidence intervals and hypothesis tests in the comparison of software cost estimation methods *(In Greek). 19th Panhellenic Conference in Statistics*, *Kastoria, May 2006. Greek Statistical Institute Publication.*

G19. THEODOSIOU T., M. FRAGKOPOULOU, L. **ANGELIS**, A. VAKALI (2007). Assigning Gene Ontology terms to biotext by classification methods. *11th Panhellenic Conference in Informatics, Patras, May 2007.*

G20. PAPAPANAGIOTOU K., D. VLACHOS, L. **ANGELIS** (2008). Decision making in Supply Chains using Simulation: A Methodological Approach. *Management of International Business and Economics Systems Conference (MIBES 2008), Larissa, July 2008.*

G21. DIMOKAS N., N. MITTAS, A. NANOPOULOS, L. **ANGELIS** (2008). A Prototype System for Educational Data Warehousing and Mining. *12th PanHellenic Conference on Informatics, Samos, August 2008. IEEE Proceedings.*

G22. MITTAS N., L. **ANGELIS** (2009). Graphical comparison of software cost estimation models with regression error characteristic analysis *(In Greek). 22nd Panhellenic Conference in Statistics, Chania, April 2009. Greek Statistical Institute Publication*

G23. LIPARAS D., L. **ANGELIS** (2010). The Mahalanobis-Taguchi strategy and its application in software defect prediction *(In Greek). 23nd Panhellenic Conference in Statistics, Veria, April 2010. Greek Statistical Institute Publication*

G24. TSANOUSA A., A. TOLIKAS, H. TSAKOS, L. **ANGELIS** (2012). Application of archetypal analysis to ovarian stimulation data *(In Greek). 25nd Panhellenic Conference in Statistics, Volos, April 2012. Greek Statistical Institute Publication.*

G25. SAMARAS C., A. VAKALI, M. GIATSOGLOU, D. CHATZAKOU, L. ANGELIS (2013). Requirements and architecture design principles for a smart city experiment with sensor and social networks integration. *17th Panhellenic Conference on Informatics, Thessaloniki, September 2013. ACM Proceedings.*

G26. SPANOS G., A. SIOZIOU, L. ANGELIS (2013). WIVSS: a new methodology for scoring information systems vulnerabilities. *17th Panhellenic Conference on Informatics, Thessaloniki, September 2013. ACM Proceedings.*

G27. MOUSTROUFAS E., I. STAMELOS, L. **ANGELIS** (2015), Competency Profiling for Software Engineers: Literature Review and a new Model. *19th Panhellenic Conference on Informatics, Athens, October 2015. ACM Proceedings.*

Medical Journals & Conferences

M1. ANTONARAKOS P.D., L. KATRANITSA, L. **ANGELIS**, A. PAGANAS, E.M. KOEN, E.A. CHRISTODOULOU, A.G. CHRISTODOULOU. Reliability and validity of the adapted Greek version of scoliosis research society – 22 (SRS-22) questionnaire. *Scoliosis (BioMed Central), 2009, 4:14. doi:10.1186/1748-7161-4-14.*

M2. IOANNIDOU-MARATHIOTOU I., E. KOUMPIA, L. **ANGELIS** (2011). Cleft lip and palate spectrum in Northern Greece. A retrospective study based on orthodontic population. *Poster presentation, 9th European Craniofacial Congress, Salzburg, 14-17 September 2011.*

M3. IOANNIDOU-MARATHIOTOU I., E. KOUMPIA, L. **ANGELIS,** A. ATHANASIOU (2013). Cleft lip and palate patients' characteristics of a university orthodontic clinic. *Helenic Orthodontic Review, Vol. 16, (Issue 1&2), 11-22*

M4. BALIAKAS P., E MINGA, A HADZIDIMITRIOU, A TSANOUSA, LA SUTTON, L SCARFO, Z DAVIS, J YAN, K PLEVOVA, Y SANDBERG, F JUHL, M BOUDJOGRA, T TZENOU, M CHATZOULI, A AGATHANGELIDIS, C CHU, A GARDINER, K SMEDBY, L MANSOURI, LB PEDERSEN, C POIRON, V GIUDICELLI, B TICHY, P PANAGIOTIDIS, G JULIUSSON, A ANAGNOSTOPOULOS, L **ANGELIS**, MP LEFRANC, C GEISLER, A LANGERAK, S POSPISILOVA, N CHIORAZZI, C BELESSI, F DAVI, D OSCIER, N DARZENTAS, R ROSENQUIST, P GHIA, K STAMATOPOULOS. CLL: Different Ages, Different Antigen Receptor Profiles. *18th Congress of the European Hematology Association, Stockholm, Sweden, 2013.*

M5. BALIAKAS P., E MINGA, A HADZIDIMITRIOU, A TSANOUSA, LA SUTTON, A AGATHANGELIDIS, L SCARFO, Z DAVIS, J YAN, K PLEVOVA, Y SANBERG, F JUHL VOJDEMAN, M BOUDJOGRA, T TZENOU, M CHATZOULI, C CHU, A GARDINER, L MANSOURI, K SMEDBY, LB PEDERSEN, D MORENO, K VAN LOM, V GIUDICELLI, B TICHY, F NGUYEN-KHAC, P PANAGIOTIDIS, A ANAGNOSTOPOULOS, L **ANGELIS**, G JULIUSSON, MP LEFRANC, C GEISLER, A LANGERAK, S POSPISILOVA, N CHIORAZZI, C BELESSI, F DAVI, D OSCIER, N DARZENTAS, R ROSENQUIST, P GHIA, K STAMATOPOULOS. B Cell Receptor Stereotypy Makes A Clinical Difference In Cll: Revelations From A Multiinstitutional Series Of 4615 Cases. *18th Congress of the European Hematology Association, Stockholm, Sweden, 2013.*

M6. KYRODIMOU M., D. ANDREADIS, A. DROUGOU, E. AMANATIADOU, L. **ANGELIS**, C. BARBATIS, A. EPIVATIANOS, I. VIZIRIANAKIS (2014). Desmoglein-3/γ-catenin and E-cadherin/ß-catenin differential expression in oral leukoplakia and squamous cell carcinoma. *Clinical oral investigations, Vol. 18, 199-210 (Springer)*

M7. BALIAKAS P., A. HADZIDIMITRIOU, L. A. SUTTON, E. MINGA, A. AGATHANGELIDIS, M. NICHELATTI, A. TSANOUSA, L. SCARFÒ, Z. DAVIS, X.J. YAN, T. SHANAFELT, K. PLEVOVA, Y. SANDBERG, F.J. VOJDEMAN, M. BOUDJOGRA, T. TZENOU, M. CHATZOULI, C.C CHU, S. VERONESE, A. GARDINER, L. MANSOURI, K.E. SMEDBY, L.B. PEDERSEN, K.V.LOM, V. GIUDICELLI, H.S. FRANCOVA, F. NGUYEN-KHAC, P. PANAGIOTIDIS, G. JULIUSSON, **L. ANGELIS**, A. ANAGNOSTOPOULOS, M.P. LEFRANC, M. FACCO, L. TRENTIN, M. CATHERWOOD, M. MONTILLO, C.H GEISLER, A.W LANGERAK, S. POSPISILOVA, N. CHIORAZZI, D. OSCIER, D. F JELINEK, N.

DARZENTAS, C. BELESSI, F. DAVI, R. ROSENQUIST, P. GHIA, K. STAMATOPOULOS (2014). Clinical effect of stereotyped B-cell receptor immunoglobulins in chronic lymphocytic leukaemia: a retrospective multicentre study. *The Lancet Haematology, Volume 1, Issue 2, Pages e74 - e84 (Elsevier).*

M8. BALIAKAS P., A. AGATHANGELIDIS, A. HADZIDIMITRIOU, L.A. SUTTON, E. MINGA, A. TSANOUSA, L. SCARFÒ, Z. DAVIS, X.J. YAN, T, SHANAFELT, K.PLEVOVA, Y. SANDBERG, F.J. VOJDEMAN, M. BOUDJOGRA, T. TZENOU, M. CHATZOULI, C. CHU, S. VERONESE, A. GARDINER, L. MANSOURI, K.E. SMEDBY, L.B. PEDERSEN, D. MORENO, K.V. LOM, V. GIUDICELLI, H.S. FRANCOVA, F. NGUYEN-KHAC, P. PANAGIOTIDIS, G. JULIUSSON, **L. ANGELIS**, A. ANAGNOSTOPOULOS, M.P. LEFRANC, M. FACCO, L. TRENTIN, M. CATHERWOOD, M. MONTILLO, C.H. GEISLER, A.W. LANGERAK, S. POSPISILOVA, N. CHIORAZZI, D. OSCIER, D.F. JELINEK, N. DARZENTAS, C. BELESSI, F. DAVI, P. GHIA, R. ROSENQUIST, K. STAMATOPOULOS (2014). Not All IGHV3-21 Chronic Lymphocytic Leukemia Are Equal: Prognostic Considerations. *The Blood Journal, (American Society of Hematology), published online.*

OTHER WORKS

Technical Reports

TR1. Software cost estimation (2005). *Deliverable for a funded project for INTRAKOM A.E. (In Greek)*

TR2. Statistical analysis of questionnaires for employees working in the welfare sector about their educational needs (2008). *Deliverable funded by the Institute of social welfare and solidarity (I.K.Π.A). (In Greek)*

TR3. Results from the analysis of students' data (2008). *Deliverable for a funded project regarding the upgrade of the Department of Informatics curriculum (In Greek).*

TR4. Analysis of students' data in AUTH regarding the association between way of admission and current status (2012 – in collaboration with P. Chatzipetrou). *Study for the AUTH Committee: Observatory of students from sensitive social groups. The study is currently replicated in collaboration with Ch. Kontogiannidou.*

TR5. «Analysis of methodologies for using the Internet for the collection of information society and other statistics» (2014). *Deliverables for the funded project by EUROSTAT: D1a. Part I, D1b. Part II, D2. Published online in http://www.cros-portal.eu/content/analysis-methodologies-using-internet-collection-information-society-and-other-statistics-0*

Announcements/presentations, Talks in Scientific meetings/workshops

A1. **ANGELIS** L., C. MOYSSIADIS. A-optimal incomplete block designs with unequal block sizes for comparing test treatments with a control. *2nd World Congress of Bernoulli Society for Mathematical Statistics and Probability and 53rd Annual Meeting of the Institute of Mathematical Statistics, August 1990, Uppsala, Sweden.*

A2. **ANGELIS** L., S. KAGEYAMA, C. MOYSSIADIS. Constructions of BTIUB designs. *Recent Developments in Probability and Statistics. An International Conference in Memory of Professor C. G. Khatri, December 1990, Delhi, India.*

A3. **ANGELIS** L., A. GEORGIOU, A. PAPADOPOULOU. A probabilistic cash budgeting simulation model - a case in the Greek public sector. *EURO XV/ INFORMS XXXIV Joint International Conference in Barcelona, July 1997.*

A4. **ANGELIS** L., A. GEORGIOU, A. PAPADOPOULOU. Stochastic simulation of monetary flows-cash budget study in public sector. *9th Panhellenic Conference in Statistics, April 1996, Xanthi.*

A5. **ANGELIS** L., E. BORA-SENTA, C. MOYSSIADIS. Optimal experimental designs with simulated annealing. *12o Panhellenic Conference in Statistics, April 1999, Spetses.*

A6. **ANGELIS** L. An overview of random search algorithms with applications in optimization problems. *Conference on Mathematics and New Technologies, Aristotle University of Thessaloniki, June 1999, Thessaloniki.*

A7. **ANGELIS** L., G. STAMATELLOS. Optimization in double sampling for forest inventory with a simulated annealing algorithm. *Inaugural EuroConference – Eastern Mediterranean Region of International Biometric Society, January 2001, Athens.*

A8. **ANGELIS L.**, A. VAKALI, T. THEODOSIOU. Biological text mining. *Workshop in Bioinformatics, Organizers: Institute of Agrobiotechnology, CERTH, and European Bioinformatics Institute, October 1st, 2004, Thessaloniki.*

A9. **ANGELIS** L., A. VAKALI, T. THEODOSIOU. "Discriminant analysis for genes classification over biomedical articles" *3rd Conference of the Eastern Mediterranean Region (EMR) of the International Biometric Society (IBS), Corfu, Greece, on May 10-12, 2005. Poster Presentation*

A10. STAMELOS I., L. **ANGELIS**, (2006). Effort Prediction Models for Interval Estimation. *Invited talk for the MeLLow (meta level learning for software projects) Workshop, at Brunel University in the framework of a 3-year EPSRC funded project.*

A11. PAPAPANAGIOTOU K., L. **ANGELIS,** D. VLACHOS, (2008). Measuring efficiency of a production and delivery network using simulation. *5th Student Conference in Management and Technology, Athens 2008.*

A12. THEODOSIOU T., L. **ANGELIS** (2008). Statistical Methods of Multivariate Analysis of Data from Biological Documents and Ontologies. *3rd Conference of the Hellenic Society Of Computational Biology & Bioinformatics, (H.S.C.B.B.), October 2008, CERTH, Thessaloniki.*

A13. **ANGELIS** L. Statistical Methods in Biomedical Text Mining. *Meeting Of The Hellenic Society Of Computational Biology & Bioinformatics, (H.S.C.B.B.) – General Secretariat for Research and Technology-(GSRT) – Coordinators of the ELIXIR project, National Hellenic Research Foundation, March 2009, Athens*

A14. **ANGELIS** L. Statistical methods of searching and analyzing information from Web documents. *Invited talk at plenary meeting, 23rd Panhellenic Conference of Statistics. Veria, Greece, 7-11 April 2010.*

A15. D. LIPARAS, N. LASKARIS, L. **ANGELIS**. Applying the Mahalanobis-Taguchi Strategy as a tool for analyzing EEG data. *5th Conference of the Hellenic Society Of Computational Biology & Bioinformatics, (HSCBB 10) –2010, Alexandroupolis.*

INFORMATION REGARDING PUBLICATIONS

Journal Impact Factor:

Journal	IF (2014)	5-Year IF
Automated Software Engineering (Springer)	**1.733**	**1.391**
Bioinformatics (Oxford Univ. Press)	**4.981**	**8.136**
Blood (American Society of Hematology)	**10.452**	**9.567**
Clinical oral investigations (Springer)	**2.352**	**2.475**
Communications in Statistics: Theory and Methods (Marcel Dekker/ Taylor & Francis)	**0.274**	**0.388**
Communications of the ACM (ACM):	**3.621**	**3.609**
Computational Statistics and Data Analysis (Elsevier)	**1.400**	**1.510**
Computers and Electronics in Agriculture (Elsevier):	**1.761**	**2.091**
Concurrency And Computation-Practice & Experience (Wiley - Blackwell)	**0.997**	**0.958**
Cryptologia (Taylor & Francis)	**0.186**	**0.173**
Data & Knowledge Engineering (Elsevier):	**1.115**	**1.594**
Educational Technology & Society (IEEE Computer Soc, Learning Technology Task Force)	**1.018**	**1.376**
Empirical Software Engineering (Springer)	**2.161**	**2.585**
Expert Systems with Applications (Elsevier)	**2.240**	**2.571**
IEEE Transactions on Education (IEEE)	**0.842**	**1.033**
IEEE Transactions On Software Engineering (IEEE)	**1.614**	**2.350**
IEEE Software (IEEE)	**1.053**	**1.397**
Information & Management (Elsevier):	**1.865**	**3.105**
Information and Software Technology (Elsevier)	**1.046**	**1.612**
Information Processing & Management (Elsevier)	**1.265**	**1.469**
Information Systems Journal (Wiley-Blackwell)	**1.766**	**2.566**
Intelligent Data Analysis (IOS Press)	**0.606**	**0.753**
International Journal of Medical Informatics (Elsevier):	**2.004**	**2.610**
Journal of Biomedical Informatics (Elsevier)	**2.126**	**3.398**
Journal of neuroscience methods (Elsevier)	**2.025**	**2.245**
Journal of Statistical Computation and Simulation (Taylor & Francis)	**0.635**	**0.760**
Journal of Statistical Planning and Inference (Elsevier)	**0.675**	**0.841**
Journal of Systems and Software (Elsevier)	**1.352**	**1.485**
Simulation Modelling Practice and Theory (Elsevier)	**1.383**	**1.421**
Software Process: Improvement and Practice (Wiley-Blackwell), now known as "Journal of Software: Evolution and Process"	**0.624**	**0.679**
Software Quality Journal (Springer)	**1.143**	**1.065**
Utilitas Mathematica (Univ. Manitoba)	**0.354**	**0.341**

Conference Acceptance rate

(Indicatively for conferences/workshops where such information is available. The indication "full papers", means that the paper was accepted as "full paper" therefore the rate refers to the accepted papers of this category)

Συνέδριο	Ποσοστό
8th International Conference on the Quality of Information and Communications Technology (QUATIC), Lisbon, Portugal, September 2012.* *The paper C57 received the best paper award of the conference among the 80 submitted papers*	**11.2%** (extended best papers in main track)
ACM/IEEE 32th International Conference on Software Engineering, Cape Town, South Africa, May 2010.	**14%.**
6th Software Quality Days (SWQD 2014), Vienna, Austria, January 2014.	**17%** (full papers)
3rd International Conference on Open Source Systems, (OSS2007), Limerick, Ireland, June 2007.	**20%**
2nd European Starting AI Researcher Symposium (STAIRS' 04), Valencia, Spain, August 2004.	**22%**
3rd IEEE International Conference on Advanced Learning Technologies (ICALT 03), Athens, Greece, July 2003.	**28%**
6th IEEE International Conference on Advanced Learning Technologies (ICALT), Kerkrade, The Netherlands, July 2006.	**28%**
ACM/IEEE International Symposium on Empirical Software Engineering and Measurement (ESEM 2013), Baltimore, Maryland, USA, October 2013.	**28%** (full papers)
15th International Conference on Requirements Engineering: Foundation for Software Quality (REFSQ09), Amsterdam, Netherlands, June 2009.	**29%**
6th International Conference on Global Software Engineering (ICGSE 2011), Helsinki, Finland, August 2011.	**30%**
37th EUROMICRO Conference on Software Engineering and Advanced Applications (SEAA 2011), Oulu, Finland, September 2011.	**31%** (full papers)
36th EUROMICRO Conference on Software Engineering and Advanced Applications (SEAA), Lille, France, September 2010.	**32%** (full papers)
5th International Conference on Extreme Programming and Agile Processes in Software Engineering. (XP 2004), Garmisch-Partenkirchen, Germany, June 2004.	**33%**
10th Panhellenic Conference in Informatics, Volos, November 2005	**34%**
15th International Symposium on Methodologies for Intelligent Systems (ISMIS 2005), Saratoga (NY), USA, May 2005	**35%**
7th International Conference on eXtreme Programming and Agile Processes in Software Engineering (XP2006), Oulu, Finland, June 2006.	**35%**
38th EUROMICRO Conference on Software Engineering and Advanced Applications (SEAA 2012), Cesme, Izmir, Turkey, September 2012.	**35%** (full papers)
6th International Conference on Predictive Models in Software Engineering (PROMISE'10). Timisoara, Romania, September 2010.	**36%**
21st ACM conference on Hypertext and hypermedia, Toronto, Canada, June 2010.	**37%**
39th EUROMICRO Conference on Software Engineering and Advanced Applications (SEAA), Santander, Spain, September 2013.	**37%** (full papers)
35th EUROMICRO Conference on Software Engineering and Advanced Applications (SEAA 2009), Patras, Greece, August 2009.	**39%**
4th International Workshop on Computer Science and Information Technologies (CSIT 2002), Patras, Greece, September 2002.	**40%**
15th International Symposium on Methodologies for Intelligent Systems (ISMIS 2005), Saratoga (NY), USA, May 2005	**40%**
6th International Conference on Information, Intelligence, Systems and Applications (IISA 2015), Corfu, Greece, July 2015.	**40%** (full papers)
35th Annual IEEE Software Engineering Workshop, Heraclion, Crete, Greece, October 2012.	**42%**
10th International Conference on Predictive Models in Software Engineering (PROMISE 2014), Turin, Italy, September 2014.	**43%**
IADIS International Conference on Cognition and Exploratory Learning in Digital Age (CELDA 2006), Barcelona, Spain, December 2006.	**43%**
19th Panhellenic Conference on Informatics, Athens, October 2015.	**43%**
11th IEEE International Symposium of Software Metrics, Como, Italy, September 2005.	**44%**

7th IEEE International Software Metrics Symposium, London, UK, April 2001.	**45%**
1st Balkan Conference on Informatics, Thessaloniki, Greece, November 2003.	**46%**
International Symposium on Empirical Software Engineering and Measurement (ESEM'08), Kaiserslautern, Germany, October 2008.	**48%**
12th PanHellenic Conference on Informatics, Samos, August 2008.	**49%**
8th International Conference on Predictive Models in Software Engineering (PROMISE'12), Lund, Sweden, September 2012.	**50%**
9th Panhellenic Conference in Informatics, Thessaloniki, November 2003.	**51%**
3rd International Workshop on Biological Data Management (BIDM 2005), Copenhagen, Denmark, August 2005.	**55%**
11th Panhellenic Conference in Informatics, Patras, May 2007.	**56%**
34th EUROMICRO Conference on Software Engineering and Advanced Applications (SEAA), Parma, Italy, September 2008.	**56%**
21st IASTED International Multi - Conference on Applied Informatics, Innsbruck, Austria, February 2003.	**58%**
17th Panhellenic Conference on Informatics, Thessaloniki, September 2013.	**58%**
5th International Symposium Communication Systems Networks and Digital Signal Processing (CSNDSP), Patras, Greece, July 2006.	**59%**
IEEE Symposium on Industrial Electronics & Applications (ISIEA 2009), Kuala Lumpur, Malaysia, October 2009.	**68%**
39th Annual Conference of the IEEE Industrial Electronics Society (IECON 2013), Vienna, Austria, November 2013.	**68%**
IEEE International Conference on Systems, Man and Cybernetics, Hague, Holland, October 2004.	**70%**
3rd Hellenic Conference on Artificial Intelligence, Samos, May 2004.	**72%**
12th European Software Control and Metrics Conference, London, UK, April 2001	**75%**
22nd Telecommunications Forum (TELFOR 2014), Belgrade, Serbia, November 2014.	**75%**
4th International EUROSIM 2001 Congress, Delft, The Netherlands, June 2001.	**77%**
7th EUROSIM 2010 Congress on Modelling and Simulation, Prague, Chech Republic, September 2010.	**79%**
Cooperative and Human Aspects of Software Engineering (CHASE'08), Leipzig, Germany, May 2008.	**82%**

Acceptance rate of book chapters

"Free/Open Source Software Development" Idea Group	**36%**
"Web Data Management Practices: Emerging Techniques and Technologies", Idea Group	**48%**

Book and article reviews published online

In total, 38 reviews authored by L. Angelis have been published online by ACM Reviews (http://www.computingreviews.com) for books and articles:

Reviews for Books

RB1.   Data mining VI: data mining, text mining and their business applications (2005). Zanasi A., Brebbia C., Ebecken N., Wit Pr/Computational Mechanics. Nov 28 2005

RB2.   Statistical and inductive inference by minimum message length. Wallace C., Springer-Verlag (2005). Jan 17 2006

RB3.   Marketing research: with SPSS 13.0 Student Version for Windows (5th ed.). Burns A., Bush R., Prentice-Hall (2005). Mar 6 2006

RB4.   Algebraic statistics for computational biology. Pachter L., Sturmfels B., Cambridge University Press (2005). Apr 28 2006

RB5.   Discovering statistics using SPSS. Field A., SAGE Publications (2005), May 26 2006

RB6.   An introduction to partial differential equations. Pinchover Y., Rubinstein J., Cambridge University Press (2005), Jul 14 2006

RB7.   Differential evolution: a practical approach to global optimization (Natural Computing Series). Price K., Storn R., Lampinen J., Springer-Verlag (2005), Jan 23 2007

RB8.   Probability and random processes. Krishnan V., Wiley-Interscience (2006). Jan 25 2007

RB9.   Optimal design of experiments. Pukelsheim F., Society for Industrial and Applied Mathematics (2006). Feb 5 2007

RB10. Permutation, parametric, and bootstrap tests of hypotheses. Good P., Springer-Verlag (2004). May 10 2007

RB11. Random graph dynamics. Durrett R., Cambridge University Press (2006). Oct 1 2007

RB12. The minimum description length principle. Grünwald P., he MIT Press (2007). Dec 5 2007

RB13. Stochastic learning and optimization: a sensitivity-based approach. Cao X., Springer-Verlag (2007), Feb 13 2008

RB14. Conceptual modeling of information systems. Olivé A., Springer-Verlag (2007). May 20 2008

RB15. Musimathics, volume 2: the mathematical foundations of music. Loy G., Chowning J., The MIT Press (2007). Jun 30 2008

RB16. Linear programming with MATLAB. Ferris M., Mangasarian O., Wright S., Society for Industrial and Applied Mathematics. Aug 13 2008

RB17. Visualization for information retrieval. Zhang J., Springer (2007). Nov 19 2008

RB18. Genetic programming theory and practice VI. Riolo R., Soule T., Worzel B., Springer (2008). Mar 4 2009

RB19. Markov chains and stochastic stability. Meyn S., Tweedie R., Cambridge University Press. Sep 14 2009

RB20. ROC curves for continuous data. Krzanowski W., Hand D., Chapman & Hall/CRC. Nov 19 2009

RB21. The art of enterprise information architecture: a systems-based approach for unlocking business insight. Godinez M., Hechler E., Koenig K., Lockwood S., Oberhofer M., Schroeck M., IBM Press (2010). Sep 14 2010

RB22. Conceptual modeling for discrete-event simulation. Robinson S., Brooks R., Kotiadis K., Van Der Zee D., CRC Press, (2010). Jan 12 2011

RB23. Developing high quality data models. West M., Morgan Kaufmann Publishers Inc. (2011). Nov 30 2011

RB24. Mining the social Web: analyzing data from Facebook, Twitter, LinkedIn, and other social media sites. Russell M., O'Reilly Media, Inc., (2011). Jan 18 2012

RB25. Modeling intention in email: speech acts, information leaks and recommendation models. Carvalho V., Springer (2011). Jun 18 2012

RB26. Text mining with MATLAB. Banchs R., Springer (2012). Feb 12 2013

RB27. Decision aid models for disaster management and emergencies. Vitoriano B., Montero J., Ruan D., Atlantis Publishing Corporation (2013). Jan 17 2014

RB28. Mathematical modeling: models, analysis and applications. Banerjee S., Chapman & Hall/CRC (2014). Jun 13 2014

RB29. Reality mining: using big data to engineer a better world. Eagle N., Greene K., The MIT Press (2014). Jan 2015

Reviews for Articles

RA1. Partitioning of Web graphs by community topology. Ino H., Kudo M., Nakamura A. Proceedings of the 14th International Conference on the World Wide Web, Chiba, Japan, 2005. Nov 1 2005

RA2. Mining user preferences, page content and usage to personalize Website navigation. Flesca S., Greco S., Tagarelli A., Zumpano E. World Wide Web 8(3): 317-345, 2005. Jul 26 2006

RA3. Computing LTS regression for large data sets. Rousseeuw P., Driessen K. Data Mining and Knowledge Discovery 12(1): 29-45, 2006. Aug 30 2006

RA4. Co-orthogonal codes. Grolmusz V. Designs, Codes and Cryptography 38(3): 363-372, 2006. Nov 6 2006

RA5. Comparison of the quantile and guaranteeing approaches to system analysis. Kan Y., Sysuev A. Automation and Remote Control 68(1): 54-63, 2007. Jun 26 2007

RA6. Evaluation of ordinal attributes at value level. Robnik-Šikonja M., Vanhoof K. Data Mining and Knowledge Discovery 14(2): 225-243, 2007. Jul 12 2007

RA7. Social capital in online communities. Smith M. PIKM 2008 (Proceeding of the 2nd PhD Workshop on Information and Knowledge Management, (2008). Jan 29 2009

RA8. On projection-based tests for directional and compositional data. Cuesta-Albertos J., Cuevas A., Fraiman R. Statistics and Computing 19(4): 367-380, 2009. Mar 22 2010

RA9. Molecular dynamics-like data clustering approach. Junlin L., Hongguang F. Pattern Recognition 44(8): 1721-1737, 2011. Nov 29 2011

FUNDED PROJECTS

Coordination on behalf of AUTH

- Software Cost Estimation *(2003-2004). Funded by INTRAKOM.*
- Statistical analysis of questionnaires for employees working in the welfare sector about their educational needs (2007). *Funded by the Institute of social welfare and solidarity (Ι.Κ.Π.Α)/Ministry of Health.*
- Transition of the Information System ZEUS (service – consumption of electrical power) to WEB Architecture». *Funded by ΔΕΗ Α.Ε. /ΔΠΜ-Θ (2012-2013).*
- ComProFITS: Competence Profiling Framework for IT Sector in Spain: *Leonardo Da Vinci EU-Programme for Lifelong Learning. (Main Partner). Project Coordinator: University of Siegen, Germany (2013-2015).*
- Analysis of methodologies for using the Internet for the collection of information society and other statistics. *European Commission – Eurostat/G6, Coordinator on behalf of ΕΛ/ΛΑΚ team (2013). Project Coordinator: Agilis A.E.*
- COMALAT: Competence Oriented Multilingual Adaptive Language Assessment and Training System. *Erasmus+. (Main Partner). Project Coordinator: University of Siegen, Germany (2014-2017).*

Participation

Participation in 25 funded projects. More recent:

- SEN2SOC: bridging SENsor measurements and SOCial networks interactions via natural language generation for supporting smart city services. *Participation in funded experiment in the framework of SmartSantander, 2013.*
- EDUWORKS: Crossing borders in the comprehensive investigation of labour market matching processes: An EU-wide, trans-disciplinary, multilevel and science-practice-bridging training network: *Marie Curie, Associated Partner, 2013*
- Schedulability Analysis Techniques and Tools for Cached and Multicore Processors. *European Space Agency Project. 01/11/2014 - 28/02/2016.*

MEMBER OF COMMITTEES - REVIEWER

Reviewer in Journals:
- ACM Transactions on Software Engineering and Methodology (ACM)
- Applied Soft Computing (Elsevier)
- Advances in Software Engineering (Hindawi Publishing Corp.)
- Applied Mathematical Modelling (Elsevier)
- Automated Software Engineering (Springer)
- Autosoft Journal (Autosoft press)
- BMC Medical Informatics & Decision Making (BioMed Central)
- Central European Journal of Computer Science (Versita, co-published with Springer Verlag)
- Communications in Statistics – Theory and Methods (Taylor & Francis)
- Communications of ACM (ACM)
- Computer Journal, The (Oxford University Press)
- Computing in Science & Engineering (IEEE)
- Cryptologia (Taylor & Francis)
- Data & Knowledge Engineering (Elsevier)
- Empirical Software Engineering (Springer)
- European Journal of Operational Research (Elsevier)
- Expert Systems With Applications (Elsevier)
- IEEE Transactions of Software Engineering (IEEE)
- IEEE Transactions of Industrial Informatics (IEEE)
- Information and Software Technology (Elsevier).
- Information Sciences (Elsevier)
- International Journal of Computer Applications in Technology (InderScience)

- International Journal on Software Engineering and Knowledge Engineering (World Scientific)
- Journal of Systems and Software (Elsevier)
- Journal of Computer Science and Technology (Springer)
- Journal of Computing and Information Technology (University of Zagreb, University Computing Centre – SRCE)
- Journal of Software Maintenance and Evolution: Research and Practice (Wiley)
- Journal of Universal Computer Science (Graz University of Technology, Universiti Malaysia Sarawak, Know-Center, Austria publication).
- PLoS ONE (Public Library of Science)
- Simulation Modeling Practice and Theory (Elsevier)

Member of conference committees/reviewer:
- AIAI 2013. Artificial Intelligence Applications and Innovations. *Member of the program committee.*
- AISEW 2008-2010. Artificial Intelligence Techniques in Software Engineering Workshop. *Member of the program committee.*
- BICT 2015. 9th EAI International Conference on Bio-inspired Information and Communications Technologies (formerly BIONETICS). *Member of the program committee.*
- BIOKDD 2014. International Workshop on Biological Knowledge Discovery and Data Mining. *Member of the program committee.*
- CISE 2012, 2013. Computational Intelligence in Software Engineering Workshop. *Member of the program committee.*
- ClustWeb 2004. 1st International Workshop on Clustering Information over the Web. *Member of the program committee.*
- CoopIS 2004, 2005. International Conference on Cooperative Information Systems. *Member of the program committee.*
- CSIT 2014. International Conference on Computer Science and Information Technology. *Member of the program committee.*
- ESEM 2009, 2012. International Symposium on Empirical Software Engineering and Measurement. *Member of the program committee.*
- EUROMICRO SEAA 2009-2015. Conference on Software Engineering and Advanced Applications. *Member of the program committee.*
- HICSS 2009. Hawaii International Conference on System Sciences. *Reviewer*
- IADIS 2004-2011. International Association for Development of the Information Society Conferences. *Member of the program committee.*
- ICALT 2014. International Conference on Advanced Learning Technologies. *Reviewer.*
- ICCCT 2011. IEEE International Conference on Computer and Communication Technology. *Reviewer.*
- ICCES 2008. International Conference on Computer Engineering & Systems. *Reviewer.*
- ICICT 2014. International Conference on Information and Communication Technologies. *Member of the program committee.*
- ICMLA 2013-2015. International Conference on Machine Learning and Applications. *Member of the program committee.*
- ICPCM 2008. International Congress on Pervasive Computing and Management. *Reviewer.*
- IRMA 2005. International Conference of Information Resources Management Association. *Member of the program committee.*
- ISEW 2011. Intelligent techniques in Software Engineering Workshop. *Reviewer*
- ISIEA 2009, 2010. IEEE Symposium on Industrial Electronics and Applications. *Member of the program committee.*
- ISPS 2009. International Symposium on Programming and Systems. *Member of the program committee.*
- IWSM-Mensura 2013, 2015. The Joint Conference of the 23rd International Workshop on Software Measurement and the 8th International Conference on Software Process and Product Measurement. *Member of the program committee.*
- JIMSE 2012: Joint workshop on Intelligent Methods for Software System Engineering. *Member of the program committee.*
- PCI 2008-2013. Pan-Hellenic Conference on Informatics. *Member of the program committee.*
- PROMISE 2010-2015. Predictive Models in Software Engineering (). *Member of the program committee.*
- QUATIC 2010, 2012. 7th International Conference on the Quality of Information and Communications Technology (). *Member of the program committee in track "Quality in Agile Methods"*
- SERPS 2008. Conference on Software Engineering Research and Practice in Sweden (). *Member of the program committee.*

- WIRI 2005, 2006. International Workshop on Challenges in Web Information Retrieval and Integration. *Member of the program committee.*
- WISE 2014. International Conference on Web Information System Engineering. *Member of the program committee.*
- ΕΣΙ 2009-2011. 22nd, 23rd, 24th Panhellenic conferences in Statistics. *Reviewer*

Other reviews
- Evaluation of research proposals for AUTH Research Committee, 2012.
- Evaluator of the action Kallipos (Greek Academic Books), 2013 & 2014-2015.
- External evaluator of the PhD dissertation: "Some contributions to the construction of neighbor designs" by Farrukh Shehzad, National College of Business Administration & Economics, Lahore, Pakistan (2012).
- Evaluator of the research proposal – funding program FONDECYT of National Commission for Scientific and Technological Research, Chilean Government (2013).
- Evaluator of research proposal for the program of funding basic research, University of Patra (2013).
- Evaluator of research proposal submitted for funding to Israel Science Foundation (2015).
- Evaluator and member of the examination committee of the PhD thesis "Statistical Analysis and Simulation of Design Models Evolution" by Hamed Shariat Yazdi, University of Siegen, Germany.
- Member of many supervising committees and examining committees of PhD theses at School of Informatics, AUTH.

Organization of Scientific Meetings
- 27th Panhellenic Conference of Statistics, April 2014, Thessaloniki. *Member of the organizing committee.*
- APSIS 2014. 1st International Workshop on Advanced Probability and Statistics in Information Systems. (In Conjunction with CAISE 2014). June 2014. *Member of the organizing committee.*

SUPERVISOR OF PhD STUDENTS
Completed Dissertations
- Panagiotis Sentas: "Statistical models for analysis and estimation of software project management data" (2007)
- Theodosios Theodosiou: "Statistical methods for multivariate analysis of data from biological texts and ontologies" (2008).
- Nikolaos Mittas: "Statistical and computational methods for development, improvement and comparison of software cost estimation models" (2009)
- Panagiota Chatzipetrou: "Statistical Methods in the Planning of Information Systems Projects" (2015)
- Dimitris Liparas: "Statistical Methods for Classification of Multivariate Data" (2015)
Ongoing Dissertations
- Makrina Viola Kosti: "Multivariate statistical methods of prediction applied to data from information systems"
- George Spanos: "Statistical methods in software engineering"
- Athena Tsanousa: "Statistical methods for biomedical data"

MEMBER OF SCIENTIFIC ORGANIZATIONS
- Greek Statistical Institute
- International Biometric Society (IBS) – participation in the foundation of Eastern Mediterranean Region (EMR) of IBS.

CITATIONS FROM OTHER RESEARCHERS - DISTINCTIONS

According to Google Scholar (last access: 8/12/2015), 2632 citations (including self-citations), h-index=27, h10-index=54 (https://scholar.google.gr/citations?user=IwB4XFYAAAAJ&hl=en).

- According to the following published article:

  Wong, W.E., Tse, T.H., Glass, R.L., Basili, V.R.,Chen, T.Y., An assessment of systems and software engineering scholars and institutions (2003–2007 and 2004–2008), *The Journal of Systems and Software (Elsevier), pp. 162-168, Volume 84, Issue 1, January 2011.*

  Lefteris Angelis was ranked 4th among the 15 top scholars in the field of systems and software engineering for the period 2004-2008.

- The paper C57 received the best paper award in the QUATIC 2012 conference. After invitation, extended version of the paper was published after new review process in the journal Software Quality Professional Magazine (J54)

- The paper C69 presented as poster at "27th International Biometric Conference", Florence, July 2014, was awarded as one of the 5 best posters among more than 400 posters presented in the conference.

- The paper C70 received the best paper award in PROMISE 2014.