CHRISSANTHI ANGELI

PROFESSOR OF COMPUTER SCIENCE

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

UNIVERSITY OF WEST ATTICA

STUDIES

University of Sussex, U.K, PhD in Intelligent Fault Detection Techniques 1999

University of   Plymouth, U.K, MSc in Intelligent Systems 1993

University of Piraeus, Greece, BSc, 1982

University of Athens BSc, 1989

PUBLICATIONS

PUBLICATIONS IN JOURNALS

1   Angeli C., and A. Chatzinikolaou, (1995), An expert system approach to hydraulic systems. *Expert Systems*, Vol. 12, Nr. 4, pp. 323-330.

2   Angeli C., and A. Chatzinikolaou. (1997), The reasons for applying expert Systems for fault diagnosis in hydraulic systems and the expert System HydroPro. *Technika Chronica*, Vol. 17, Nr.1, pp. 7-18.

3   Angeli C. (1996), The derivation and the role of the 2 1/2 sketch in Marr's (1992) theory of vision. *Technika Chronica*, 4/96, pp. 78-82.

4   Atherton D.P., and C. Angeli (1996), Intelligent Fault Detection Techniques for Hydraulic Systems. *Graduate Research Centre, University of Sussex, Annual report 1995- 1996*, pp. 29-30.

5   Angeli Chr., and A. Chatzinikolaou (1999), Fault Prediction and Compensation Functions in a diagnostic knowledge-based system for hydraulic systems. *International Journal of Intelligent and Robotic systems,* Vol. 25, No.2, pp. 153-165.

6   Angeli Chr. (1999), An on-line expert system for fault diagnosis in hydraulic systems. *Expert Systems* Vol. 16, Nr. 2, pp. 115-120.

7   Angeli Chr. (1999), Integrating symbolic and numerical features for fault diagnosis by an expert system. *Expert Systems* Vol. 16, Nr.4, pp. 233-239.

8   Angeli C., and D. P Atherton. (2001), A model based method for an on-line diagnostic knowledge-based system, *Expert Systems* Vol. 18, Nr. 3, pp. 150-158.

9.   Chatzinikolaou A. and C. Angeli (2001), Modelling of Hydraulic Systems and a Fault Detection Method, *International Journal of Engineering Simulation,* Vol. 2, Nr. 4, pp. 18-25.

10.   Angeli C. and A. Chatzinikolaou (2002), Fault Prediction and Diagnosis in Hydraulic Systems, *Journal of Engineering Manufacture*, Vol. 216, Nr. B2, pp. 293-297.

11.   Chatzinikolaou A. and C. Angeli (2002), Modelling for an Expert System and a Parameter Validation Method, *Expert Systems*, Vol. 19, Nr. 5, pp. 284-293.

12.   Angeli C. and A. Chatzinikolaou (2004), On-Line Fault Detection Techniques for Technical Systems: A Survey. *International Journal of Computer Science & Applications,* Vol. 1, No. 1, pp. 12-30.

13. Angeli C. and A. Chatzinikolaou (2005), Troubleshooting in Hydraulic Systems using knowledge-based Methods, *International Journal of Engineering Simulation*, Vol. 6, Nr.1, pp. 24-29.

14. Angeli C. (2008), On-line Expert Systems for Fault Diagnosis in Technical Processes. *Expert Systems*, Vol. 25, No2, pp. 115-132.

15. Angeli C. and A. Chatzinikolaou (2008), On-line fault detection and Compensation of Hydraulic Drive Machines using Modelling Techniques, *Journal of Advanced Computational Intelligence and Intelligent Informatics JACIII* , Vol.12. Nr.2, pp.111-116.

16. Angeli C. and A. Chatzinikolaou (2008), Modelling for Real-time Fault Detection Systems Using Technical Specification Data Sheets, *Journal of Hybrid Computing Research,* Vol. 1. Nr.1, January-June 2008, pp 1-12.

17. Angeli C. and A. Chatzinikolaou (2009), Knowledge Management for the diagnostic problem solving process, *Journal of Hybrid Computing Research,* Vol. 2. Nr.2, January-June 2009.

.18. Angeli C. and A. Chatzinikolaou (2012), Modelling for real-time fault detection systems using technical specifications data sheets, *International Journal of Computational Intelligence & Telecommunication Systems,* Vol. 3. Nr.1, January-June 2012, pp. 1-7.

19. Angeli C. and A. Chatzinikolaou (2014), Simulation-Based Fault Detection For Hydraulic Elements, *International Journal of Advancements in Electronics and Electrical Engineering,* Volume3, issue3. pp. 103-107.

20. Angeli C., and A. Chatzinikolaou (2015), An Experimental Parameter Validation Approach, *International Journal of Mathematical and Computational Sciences-IJMCS,* Volume 2, issue 1 . pp. 35-39.

21. Chatzinikolaou A. and C. Angeli, (2017), Implementation of Fault Diagnosis in a Dynamic Process, *International Journal of Advantages in Computer Science and its Applications -IJMCS,* Volume 7, issue 1 . pp. 38-43.

22.   Jirapun Pongfai, C. Angeli, Peng Shi, Xiaojje Su and Wudhichai Assawinchaichote (2020), Optimal PID Controller Autotuning Design for MIMO Nonlinear Systems Based on the Adaptive SLP Algorithm, *International Journal of Control, Automation and Systems, Vol. 19, No 1, pp. 392-403.*

23.   Jirapun Pongfai, C. Angeli, Yan Shi; and Wudhichai Assawinchaichote (2021), An Improved Kalman Filter Based on a Novel Stable Neural Network (SNN) for Discrete Nonlinear System, PlosOne,

24.   Shakiroh Khamis, Azizah Ahmad, Mazida Ahmad, Hapini Awang and C. Angeli (2021), Prescriptive Analytic of Internet usage Pattern to Improve Students' Academic Performance, *International Journal of Advantages in Computer Science and its Applications - IJACSA,* Volume 12, No 11.

CHAPTERS IN INTERNATIONAL SCIENTIFIC BOOKS

1. C. Angeli "An Experimental Parameter Estimation Approach for the Simulation of Hydraulic Drive Systems" (2010). Modelling Simulation and Optimization, In Tech Publishing, Vienna, Austria.

2. C. Angeli "Diagnostic Expert Systems – From expert's knowledge to real-time systems" (2009), Advanced knowledge Based Systems: Models, Applications and Research Trends. TMRF Publishing

PUBLICATIONS IN CONFERENCE PROCEEDINGS

1. Angeli C. (1996), Application of expert systems for fault diagnosis in Hydraulic Systems. 1st Conference in Technology and Automation, TEI of Piraeus, 9-10 May 1996, pp. 170-173.

2. Angeli C. (1997), On-line knowledge based techniques for fault diagnosis of hydraulic systems for ships. 1st Conference in sea technologies, TEI of Piraeus, 22-24 October 1997, pp. 294-298.

3. Angeli C. (1998), The user interface capabilities of a diagnostic expert system. 2nd Conference in Technology and Automation, TEI of Thessaloniki, 2-3 October 1998, pp. 213-217.

4. Angeli C. (2000), Application of a real-time Expert System for Fault Diagnosis, 13th International Conference on Industrial and Engineering Applications of Artificial Intelligence and Expert Systems, IEA/AIE 2000, New Orleans, USA, June 2000 pp.184-192.

5. Angeli C. and A. Chatzinikolaou (2000), Real-Time Diagnosis and Prediction of faults, 3rd Conference in Technology and Automation, TEI of Piraeus, 2-3 October 2000.

6. Angeli Chr. and A. Chatzinikolaou (2000), Real-Time Fault Prediction by an Expert System, 3rd International Conference on Artificial Intelligence in Science and Technology AISAT 2000, Hobart, Australia, 17-20 December 2000, pp 115-121.

7. Angeli Chr. and A. Chatzinikolaou (2001), Expert Systems Technology for Prediction and Diagnosis of faults in hydraulic systems, European Workshop on Intelligent Forecasting, Diagnosis and Control IFDICON 2001, Santorini, Greece, June 25-28.

8. A. Chatzinikolaou and C. Angeli. (2001), Fault Compensation Using a Data Acquisition and Control Software, Panhellenic Symposium on Automation, Robotics and Industrial Production, Santorini, June 28-30, pp. 203-207.

9. Angeli C., L Vrizidis and A. Chatzinikolaou (2001), Involving Modelling Information in the Structure of a Real-time Expert System for Fault Diagnosis, Fifth World Multi-Conference on Systemics, Cybernetics and Informatics 2001, SCI-2001, Orlando, Florida, USA, July 22-25 2001, pp 183-189.

10. Angeli C. and A. Chatzinikolaou (2001), Fault Monitoring And Compensation In Hydraulic Systems, 5th International Conference on Knowledge-based Intelligent Information Engineering Systems and Allied Technologies KES 2001, Osaka, Japan, September 6-8, pp 657-662.

11. Angeli C., and A. Chatzinikolaou (2001), Fault Detection and Compensation by a Model-Based Expert System, IASTED International Conference, Intelligent

Systems and Control 2001 (ISC), November 19-22, Tampa, Florida, USA pp 209-214.

12. Angeli C., and A. Chatzinikolaou (2001), Management of Knowledge in a Model-Based Expert System, International Symposium on Artificial Intelligence, December 18-20, Fort Panhala Kolhapur, India, pp. 174-179.

13. Angeli C., and A. Chatzinikolaou (2002), Intelligent Process Monitoring By Interfacing Knowledge-Based Systems and Data Acquisition and Control Software, Twentieth IASTED International Conference Applied Informatics-AIA'02, February 18-21, Innsbruck, Austria, pp. 344-350.

14. Chatzinikolaou A. and Angeli C., (2002), Modelling, Simulation and Parameter Validation for a Fault Detection System, Twenty-First IASTED International Conference Modelling, Identification and Control MIC 2002, February 18-21, Innsbruck, Austria, pp. 180-185.

15. Angeli C., and A. Chatzinikolaou (2002), A Validation Approach for an On-line Diagnostic Expert System, Sixth World Multi-Conference on Systemics, Cybernetics and Informatics 2002, SCI-2002, Orlando, Florida, USA, July 14-18 2002, pp. 5-11.

16. Angeli C., and A. Chatzinikolaou (2002), Data Handling for Real-time Fault Diagnosis in Hydraulic Drive Systems with Proportional Control, Sixth World Multi-Conference on Cybernetics and Informatics 2002, SCI-2002, Orlando, Florida, USA, July 14-18 2002, pp. 11-17.

17. Chatzinikolaou A. and C. Angeli (2002), Fault Monitoring for a Real-time Diagnostic System, 4th GRACM Congress on Computational Mechanics 2002, Patras, June 27-29, pp. 810-816.

18. Chatzinikolaou A. and C. Angeli, (2002), IASTED International Conference Applied Simulation and Modelling, ASM 2002, Dynamic Analysis of Hydraulic Systems for Intelligent Robots, Crete, Greece, June 25-28, pp. 390-396.

19. Angeli C., L. Vrizidis and A. Chatzinikolaou (2003), Developing the User Interface for an on-line knowledge-based system, 21st IASTED International Conference Applied Informatics-AIA'03, February 10-13, Innsbruck, Austria, pp. 345-351.

20. Chatzinikolaou A. and Angeli C., (2003), Modelling for Hydraulic Systems Using Manufacturer's Data, 22nd IASTED International Conference Modelling, Identification and Control MIC 2003, February 10-13, Innsbruck, Austria, pp. 391-397.

21. Angeli C., and A. Chatzinikolaou (2003), Integrating real time data and modeling information in fault detection, 7th World Multiconference on Systemics, Cybernetics and Informatics, SCI2003, Orlando, Florida, USA, July 27-30, pp. 1-6.

22. Angeli C., and A. Chatzinikolaou (2003), Leakage Compensation of Hydraulic Actuators in Critical Situations, 9th International Conference on Information Systems, Analysis and Synthesis (ISAS-2003), Orlando, Florida, USA, July 31 to August 2, pp. 368-373.

23. C. Angeli, A. Chatzinikolaou A. and L. Vrizidis, (2003), 12th IASTED International Conference Applied Simulation and Modelling, ASM 2003, Control and Fault Compensation of hydraulic motors using modelling information, Marbella, Spain, September 3-5, pp. 13-18.

24. Angeli C., and A. Chatzinikolaou (2003), Expert System Applications and Approaches in hydraulic systems, 2nd International Conference on Applied Artificial Intelligence, Fort Panhala, Kolhapur, India, December 15-16, pp. 99-104.

25. Angeli C., and A. Chatzinikolaou (2003), Fault Monitoring and Detection for electro-hydraulic drives, 2nd International Conference on Applied Artificial Intelligence, Fort Panhala, Kolhapur, India, December 15-16, pp. 117-121.

26. Chatzinikolaou A. and Angeli C., (2004), A parameter estimation method for a hydraulic drive system, 23rd IASTED International Conference Modelling, Identification and Control MIC 2004, February 23-25, Grindelwald, Switzerland, pp. 172-177.

27. Angeli C., and A. Chatzinikolaou (2004), Troubleshooting in hydraulic systems using knowledge-based methods, 8th World Multiconference on Systemics, Cybernetics and Informatics, SCI2004, Orlando, Florida, USA, July 18-21.

28. Angeli C., and A. Chatzinikolaou (2004), Fault detection in hydraulic drive systems using the expert system Approach, 10th International Conference on Information Systems, Analysis and Synthesis (ISAS-2004) and International Conference on Cybernetics and Information Technologies Systems and Applications (CITSA2004), Orlando, Florida, USA, July 21-25.

29. C. Angeli and A. Chatzinikolaou (2004), 13th IASTED International Conference Applied Simulation and Modelling, ASM 2004, Intelligent Monitoring and Control of Proportional Valves, Rhodes, Greece, June 28-30, pp. 365-370

30. C. Angeli and A. Chatzinikolaou (2004), 1st International Conference on Information Technology and Quality, From Process expert to an on-line knowledge-based system, Athens, Greece, June 5-6.

31. Angeli C., and A. Chatzinikolaou (2004), Fault Diagnosis o Proportional Valves with Electrical Feedback based on Nonlinear Model, 2nd International Conference on Computing, Communications and Control Technologies (CCCT-2004), Austin, Texas, USA, August 14-17.

32. Angeli C and A. Chatzinikolaou (2005), Model-based Fault Detection for Hydraulic Motors, 24th IASTED International Conference Modelling, Identification and Control MIC 2005, February 16-18, Innsbruck, Austria.

33. Angeli C., and A. Chatzinikolaou (2005), Using Modelling Techniques for Fault Prediction in Hydraulic Drive Systems, EUROSIS 3rd International Industrial Simulation Conference ISC 2005, June 9-11, Berlin, Germany, pp. 216-220.

34. Angeli C., and A. Chatzinikolaou (2005), On-line Fault Detection for Fluid technology Systems using AI Techniques, 9th International Conference on Mechatronics Technology ICMT2005, December 5-8, Kuala Lumpur, Malaysia.

35. Angeli C., and A. Chatzinikolaou (2006), On-line Model-Based Fault Detection for Proportional Valves, 25th IASTED International Conference Modelling, Identification and Control MIC 2006, February 6-8, Lanzarote, Spain, pp. 291-297.

36. Angeli C., and A. Chatzinikolaou (2006), An On-Line Parameter Estimation Scheme for a Fault Diagnosis System, EUROSIS 4th International Industrial Simulation Conference (ISC 2006), June 5-7, Palermo, Italy, pp.229-233.

37. Angeli C., and A. Chatzinikolaou (2006), A Solution to the Low Damping Problem of Hydraulic Drive Systems, 9th EUROSIS MESM 2006 Conference, August 28-30, Alexandria, Egypt, pp.17-21.

38. Angeli C., and A. Chatzinikolaou (2007), On-line Fault Detection and Compensation of Hydraulic Driven Machines Using Modeling Techniques, EUROSIS ASTEC-2007 Asian Simulation Technology Conference, March 1-3, Shiga, Japan.

39. Angeli C., and A. Chatzinikolaou (2007), On-line Simulation Based Fault Detection for a Hydraulic Driven Industrial Robot, EUROSIS 5th International Industrial Simulation Conference (ISC 2007), June 11-13, Delft, The Netherlands, pp. 165-170.

40. Angeli C., and A. Chatzinikolaou (2008), A Simulation Based Method for Fault Diagnosis in Hydraulic Components, EUROSIS 6th International Industrial Simulation Conference (ISC 2007), June 9-11, Lyon, France, pp. 143-147.

41. C. Angeli and A. Chatzinikolaou (2008), An Experimental Parameter Estimation Approach for the Simulation of Hydraulic Drive Systems, 17th IASTED International Conference Applied Simulation and Modelling, ASM 2008, June 23-25, Corfu, Greece, pp. 219-224.

42. Angeli C., and A. Chatzinikolaou (2009), On-line Fault Detection of a Close Loop Circuit Hydraulic System with a Variable Displacement Pump, EUROSIS 7th International Industrial Simulation Conference (ISC 2009), June 1-3, Loughborough, U.K. 52-57.

43. Angeli C., and A. Chatzinikolaou (2009), An Integrated Approach for On-Line Fault Detection to Hydraulic Driven Systems, 18th IASTED International Conference Applied Simulation and Modelling, ASM 2009, September 7-9, Palma de Mallorca, Spain, pp...

44. Angeli C., and A. Chatzinikolaou (2010), Fault Detection in Fluid Systems: An Interactive Real time Approach, EUROSIS 8th International Industrial Simulation Conference (ISC 2010), June 7-9, Budapest, Hungary. pp. 223-227.

45. Angeli C. (2010), Fault Diagnosis for Engineering Systems and the Real-Time Expert Systems Approach, International Conference on Artificial Intelligence and Pattern Recognition (AIPR-10) Orlando, FL, USA, July 12-14, 2010.

46. Angeli C., and A. Chatzinikolaou (2011), Experimental Study of mode-based fault detection in Fluid Power Applications, EUROSIS 9th International Industrial Simulation Conference (ISC 2011), June 6-8, Venice, Italy, pp. 53-58.

47. Angeli C., and A. Chatzinikolaou (2011), A Simulation-based Approach for Industrial Fluid Power Systems, 19th IASTED International Conference Applied Simulation and Modelling, ASM 2011, June 22-24, Crete, Greece.

48. Chelmi M. and C. Angeli C (2012), A cloud/SaaS Accounting application, eRA2012 Conference, September 27-29, Piraeus, Greece.

49. Angeli C., and A. Chatzinikolaou (2013), Simulation Based Fault Detection for Fluid power Actuators, EUROSIS 27th International European Simulation and Modelling Conference (ESM2013), October 23-26, Lancaster, U.K., pp.

50. Angeli C., and A. Chatzinikolaou (2014), Simulation-Based Fault Detection for hydraulic elements, International Conference on Advances in Computing, Communication and Information Technology - CCIT 2014, June 1-2, London, UK.

51. Angeli C., and A. Chatzinikolaou (2015), An Experimental Parameter Validation Approach, International Conference on Advances in Computing, Communication and Information Technology - CCIT 2015, May 26-28, Birmingham, UK.

52. Angeli C., and A. Chatzinikolaou (2016), Implementation of Fault Diagnosis in a Dynamic Process, International Conference on Advances in Computing, Communication and Information Technology - CCIT 2016, December 15-16, Rome, ITALY.

53. Angeli C., and A. Chatzinikolaou (2019), Actuator Fault Tolerance Evaluation and Model-Based Fault Detection, ICSTEM 2019, 18-19 May, 2019, London, U.K.

54. Nurul Syafidah Jamil, Siti Sakira Kamaruddin and Farzana Kabir Ahmad and C. Angeli (2020) Social Tension Detection on Social Media Textual Data: A Literature

Review, Industrial Simulation Conference ISC (2020), Toulouse, FRANCE pp. 77-82.

55. K. Papatheodosiou and C. Angeli Angeli (2020) Developing an emergency Information System: A Literature Review, The 34th European Simulation and Modelling Conference ESM (2020), Toulouse, FRANCE, pp. 87-92.

56. George Galanos and C. Angeli (2021) "Web-based Expert System For Fault Diagnosis in Computer Networks", 35th Industrial Simulation Conference ISC (2021), 1-3 June, Valletta, MALTA.

57. George Galanos and C. Angeli (2021) "Fault Diagnosis in Computer Networks Topology: A Literature Review", 35th Industrial Simulation Conference ISC (2021), 1-3 June, Valletta, MALTA.

58. K. Papatheodosiou and C. Angeli Angeli (2021) Designing an emergency Information System for Catastrophic Natural Situations, The 35th European Simulation and Modelling Conference ESM (2021), October 27-29, Rome, ITALY.

CONTRIBUTION IN SCIENTIFIC JOURNALS

1. Expert Systems, The Journal of Knowledge Engineering, Wiley 2009, 2010 Reviewer

2. Expert Systems, The Journal of Knowledge Engineering, Wiley   2010 - 2021 Associate Editor

3. International Journal of Data Mining & Warehousing 2010, 2011,2012, 2013, 2014 Editorial Board

4. International Journal of Soft Computing Simulation and Software Engineering (IJSCSSE), 2011,2012, 2013 Reviewer

5. International Journal of Advances in Computer & Information Engineering Editorial Board 2012, 2013, 2014

6. Journal of Artificial Intelligence 2012 Editorial Board 2012

7. IET-Circuits, Devices and Systems, 2012, 2013, 2014 Reviewer

8. Expert Systems, The Journal of Knowledge Engineering, Wiley (Special Issue), Big Data, 2016, Editor.

INTERNATIONAL PROGRAM COMMITTEE MEMBER IN CONFERENCES

1. International Program Committee in Fifth World Multi-Conference on Systemics, Cybernetics and Informatics 2001, SCI-2001, Orlando, Florida, USA

2. International Program Committee Sixth World Multi-Conference on Systemics, Cybernetics and Informatics 2002, SCI-2002, Orlando, Florida, USA

3. Section Chair: Fault Diagnosis Section 13th International Conference on Industrial and Engineering Applications of Artificial Intelligence and Expert Systems, IEA/AIE 2000, New Orleans, USA, June 2000

4. Section Chair: Fault Diagnosis Section IASTED International Conference, Intelligent Systems and Control 2001 (ISC), November 19-22, Tampa, Florida, USA.

5. Section Chair: Intelligent Robotics Section, IASTED International Conference, Intelligent Robotics Section, IASTED International Conference on Applied Simulation and Modeling (ASM 2002), Crete, Greece, June 25-28.

6. Section Chair: Sixth World Multi-Conference on Systemics, Cybernetics and Informatics 2002, SCI-2002, Orlando, Florida, USA.

7. Reviewer IASTED International Conference on Applied Simulation and Modelling (ASM 2002), Crete, Greece, June 25-28

8. Reviewer 22nd IASTED International Conference on Applied Informatics (AI 2003), February 10-13, Innsbruck, Austria.

9. Section Chair: Modelling in Mechanical Systems Section, 21st IASTED International Conference Modelling, Identification and Control, MIC 2003, February 10-13, Innsbruck, Austria.

10. Section Chair: Knowledge Acquisition, Representation and Reasoning Section, 22nd IASTED International Conference on Applied Informatics (AI 2003), February 10-13, Innsbruck, Austria.

11. International Program Committee, 23rd IASTED International Conference Modeling, Identification and Control MIC 2004, February 23-25, Grindelwald, Switzerland.

12. Reviewer 13th IASTED International Conference Applied Simulation and Modelling, ASM 2004, June 28-30 Rhodes, Greece.

13. Section Chair: Knowledge-based Systems, 13th IASTED International Conference Applied Simulation and Modelling, ASM 2004, June 28-30 Rhodes, Greece.

14. International Program Committee, 1st International Conference on Information Technology and Quality, Athens, Greece, June 5-6, 2004.

15. Section Chair: Knowledge-based Systems, 2nd International Conference on Computing, Communications and Control Technologies (CCCT-2004), Austin, Texas, USA, August 14-17, 2004.

16. International Program Committee, EUROSIS ISC-2005 International Conference, June 9-11, Berlin, Germany.

17. Section Chair: Power and Energy Systems, 24th IASTED International Conference Modelling, Identification and Control MIC 2005, February 10-13, Innsbruck, Austria.

18. International Program Committee, 9th International Conference on Mechatronics Technology ICMT2005, December 5-8, Kuala Lumpour, Malaysia.

19. International Program Committee, EUROSIS ISC-2006 4th International Industrial Simulation Conference, June 5-7, Palermo, Italy.

20. International Program Committee, 9th EUROSIS MESM-2006 International Middle Eastern Multiconference on Modelling and Simulation, August 28-30, Alexandria, Egypt.

21. International Program Committee, EUROSIS ASTEC-2007 Asian Simulation Technology Conference, March 1-3, Shiga, Japan.

22. International Program Committee, ISC 2007, June 11-13, 2007, Delft University of Technology, Delft, The Netherlands.

23. International Program Committee, IEEE Africon 2007, September 26-28, Windhoek, Namimbia.

24. International Program Committee, 10th EUROSIS MESM-2007 International Middle Eastern Multiconference on Modelling and Simulation, January 2008 28-30, Dubai.

25. International Program Committee, 5th EUROSIS FUBUTEC International Future Business Technology Conference 2008, April 9-11, Porto, Portugal

26. International Program Committee, EUROSIS ASTEC-2008 Asian Simulation Technology Conference, May 1-3, Shiga, Japan.

27. International Program Committee EUROSIS ISC 2008 6th International Industrial Simulation Conference, June 9-11, 2008, Lyon, France

28. International Program Committee, 5th EUROSIS FUBUTEC International Future Business Technology Conference 2008, April 9-11, Porto, Portugal.

29. International Program Committee EUROSIS ISC 2008 6th International Industrial Simulation Conference, June 9-11, 2008, Lyon, France

30. International Program Committee 17th IASTED International Conference Applied Simulation and Modelling, ASM 2008, June 23-25, Corfu, Greece.

31. International Program Committee 6th EUROSIS International Industrial Simulation Conference (ISC 2007), June 9-11, Lyon, France.

32. International Program Committee, 11th EUROSIS MESM-2008 International Middle Eastern Multiconference on Modelling and Simulation, August 2008 26-28, Amman, Jordan

33. International Program Committee, 6th EUROSIS FUBUTEC International Future Business Technology Conference 2009, April 15-17, Brudges, Belgium .

34. International Program Committee IASTED International Conference Artificial Intelligence and Applications, AIA 2009, February 16-18, Innsbruck, Austria.

35. International Program Committee 7th EUROSIS International Industrial Simulation Conference (ISC 2009), June 9-11, University of Lougborough. U.K.

36. International Program Committee 18th IASTED International Conference Applied Simulation and Modelling, ASM 2009, September 7-9, Palma de Mallorca, Spain.

37. International Program Committee, 12th EUROSIS MESM-2009 International Middle Eastern Multiconference on Modelling and Simulation, August 2009 26-28, Beirut, Lebanon

38. International Program Committee, IASTED International Conference Artificial Intelligence and Applications, AIA 2010, February 15-17, Innsbruck, Austria.

39. International Program Committee EUROSIS ASTEC'2010 The 2nd annual Asian Simulation Technology Conference, Westin Bund Center, Shanghai, China March 1-3, 2010.

40. International Program Committee 21st IASTED International Conference Modelling and Simulation, MS 2010, July 15-17 Banff, Alberta, Canada.

41. International Program Committee 8th EUROSIS International Industrial Simulation Conference (ISC 2010), June 7-9, 2010, Budapest, Hungary.

42. International Program Committee., 13rd EUROSIS MESM-2010 International Middle Eastern Multiconference on Modelling and Simulation, December 2010 26-28, Alexandria, Egypt.

43. International Program Committee. 2010 International Conference on Artificial Intelligence and Pattern Recognition (AIPR-10). July 12-14, Orlando, Florida, USA.

44. International Program Committee. 9th EUROSIS International Industrial Simulation Conference (ISC 2011), June 6-8, 2011, Venice Italy.

45. International Program Committee. 19th IASTED International Conference Applied Simulation and Modeling, ASM 2011, Crete, Greece, June 22-24, 2011.

46. International Program Committee. IASTED International Conference Artificial Intelligence and Applications, AIA 2011, February 14-16, Innsbruck, Austria.

47. International Program Committee, 8th EUROSIS FUBUTEC Future Business Technology Conference 2011, April 18-20, British Institute of Technology and Ecommerce, London UK.

48. International Program Committee, 22nd IASTED International Conference Modeling and Simulation, MS 2011, July 4-6, Calgary, Canada.

49. International Program Committee., EUROSIS ASTEC'2011 The 3nd annual Asian Simulation Technology Conference, Digipen Institute of Technology, Singapore, March 1-3, 2011.

50. International Program Committee. IASTED International Conference Modeling Simulation and Identification, MSI 2011, November 07-09, Pittsburgh, USA.

51. International Program Committee, International workshop of Innovation & New Trends of Information System, INTIS 2011, 22-23 November 2011, Tangier, Morocco.

52. International Program Committee., 14th EUROSIS MESM-2011 International Middle Eastern Multiconference on Modelling and Simulation, November 2011 26-28, Amman, Jordan.

53. International Program Committee EUROSIS ASTEC'2012 The 4nd annual Asian Simulation Technology Conference, Kyoto, Japan, February 24-26, 2012.

54. International Program Committee 4th IASTED African International Conference Modeling and Simulation, AfricaMS 2012, September 3-5, Caborone, Botswana.

55. International Program Committee 31st IASTED Asian International Conference Modeling Identification and Control, AsianMIS 2012, April 2-4, Phuket, Thailand.

56. International Program Committee, 8th EUROSIS FUBUTEC Future Business Technology Conference 2010, April 18-20, 2012, Bucharest, Romania.

57. International Program Committee 0th EUROSIS International Industrial Simulation Conference (ISC 2012), June 4-6, 2012, Brno, Czech Republic.

58. International Program Committee ASM 2011, 19th IASTED International Conference Applied Simulation and Modeling, Napoli, Italy from June 25-27, 2012.

59. International Program Committee CA2012, 14th IASTED International Conference on Control and Applications, Crete, Greece, June 18-22, 2012

60. International Program Committee 23rd IASTED International Conference Modeling and Simulation, MS 2012, July 3-5, Calgary, Canada.

61. International Program Committee MASAUM International Congress on Enterprise Technology and Industrial Manufacturing 2012, MICETIM '12, December 17-18, 2012, Jakarta, Indonesia

62. International Program Committee MASAUM International MICBECT '12, August 17-18, 2012, Bali, Indonesia

63. International Program Committee International Conference on Advanced Computing, Engineering and Technology (ICACET 2012), 22-23 October 2012. Kuala Lumpur, Malaysia.

64. International Program Committee, 15th EUROSIS MESM-2012 International Middle Eastern Multiconference on Modelling and Simulation, December 10-12, Muscat, Oman.

65. International Program Committee International Conference on Computer Applications and Advanced Communications (ICCAAC 2012), September 17-18, Singapore.

66. International Program Committee International Conference on Advanced Computing, Engineering and Technology (ICACET 2012), 22-23 October 2012. Kuala Lumpur, Malaysia.

67. International Program Committee International Conference 4th International Conference on Advances in System Simulation, SIMUL 2012, November 18-23, Lisbon, Portugal.

68. International Program Committee International Conference on Computing, Engineering and Information Technology (ICCEIT 2012), Bangalore, India, November 26-27, 2012

69. International Program Committee MASAUM International Congress on Enterprise Technology and Industrial Manufacturing 2012, MICETIM '12, December 17-18, 2012, Jakarta, Indonesia

70. International Program Committee 15th EUROSIS MESM-2012 International Middle Eastern Multiconference on Modelling and Simulation, December 10-12, Muscat, Oman.

71. International Program Committee International Conference on Computing Technology and Engineering 2012 (ICCTE2012), December 9-10, Coimbatore, India.

72. International Program Committee MASAUM International Conference on Information Technology 2013 (MIC-IT '13), January1-3, Dubai, United Arabic Emirates.

73. International Program Committee International Conference on Advances in Computer Science and Engineering 2013 (ICACSE 2013) January 7-8, Hyderabad, India.

74. International Program Committee 31st IASTED International Conference Artificial Intelligence and Applications, AIA 2013, February 11-13, Innsbruck, Austria.

75. International Program Committee 32nd IASTED International Conference Modelling Identification and Control, MIC 2013, February 11-13, Innsbruck, Austria

76. International Program Committee EUROSIS ASTEC'2013 The 5th annual Asian Simulation Technology Conference, Shangai, China, March 7-9, 2013

77. International Program Committee MASAUM International Conference on Computer Science 2013 (MIC-CS '13), March 29-31, Kuala Lumpur, Malaysia.

78. International Program Committee 31st IASTED Asian International Conference Modeling Identification and Control, AsianMIS 2013, April 10-12, Phuket, Thailand

79. International Program Committee, 10th ACS/IEEE International Conference on Computer Systems and Applications AICCSA 2013, May 27-20, 2013, Fes, MOROCCO.

80. International Program Committee, 9th EUROSIS FUBUTEC Future Business Technology Conference 2012, June 10-12, 2013, Lincoln, U.K.

81. International Program Committee 11th EUROSIS International Industrial Simulation Conference (ISC 2013), August 22-24, 2013, Ghent, Belgium.

82. International Program Committee 24th IASTED International Conference Modeling and Simulation, MS 2013, July 17-19, Calgary, Canada.

83. International Program Committee 15th IASTED International Conference on Control and Applications, CA2013**,** August 26-28**,** Honolulu, USA.

84. International Program Committee, 2nd International Conference on Computing, Engineering and Information Technology ICCEIT2013, September 20, 2013, Bangalore, INDIA.

85. International Program Committee, 1st EUROSIS SIMEX'2013 Simulation International Conference, September 18-20, 2013, Brussels, BELGIUM.

86. International Program Committee, 5th International Conference on Advances in System Simulation, SIMUL 2013, October 27-November 1, Venice, ITALY.

87. International Program Committee, The 2nd International Conference on Computer Applications and Advanced Communications (ICCAAC 2013), November 15-16, Singapore.

88. Επιστημονική επιτροπή συνεδρίου 3rd International Workshop in innovation and New Trends in Information Systems, INTIS 2013, November 29-30, Tangier, Morocco.

89. International Program Committee, 33rd IASTED International Conference Modelling Identification and Control, MIC 2014, February 17-19, Innsbruck, Austria

90. International Program Committee, 13th IASTED International Conference Artificial Intelligence and Applications, AIA 2013, February 17-19, Innsbruck, Austria.

    International Program Committee, 16th EUROSIS MESM-2014   International Middle Eastern Multiconference on Modelling and Simulation, February 3-5, Muscat, Oman.

91. International Program Committee 2nd International Conference on Computer Science and Information Engineering (ICCSIE204), Bangalore, India, February 14-16, 2014.

92. International Program Committee EUROSIS ASTEC'2013 The 6th annual Asian Simulation Technology Conference, Singapore, March 10-12, 2014

93. International Program Committee, 10th EUROSIS FUBUTEC Future Business Technology Conference 2014, April 28-30, 2014, Bruges, Belgium.

94. International Program Committee 11th EUROSIS International Industrial Simulation Conference (ISC 2013), May 22-24, 2013, Ghent, BELGIUM.

95. International Program Committee 5th IASTED International Conference Modeling, Simulation and Identification, MSI 2014, July 16-18, Banff, Canada.

96. International Program Committee International Conference on Advances in Computing, Electronics and Electrical Technology CEET 2014, August 2-3, Kuala Lumpur, Malaysia

97. International Program Committee GS International Multi-Conference on Science and Technology (GS-MCST2014), November 1-3, 2014, Dubai, United Arab Emirates

98. International Program Committee 6th International Conference on Advances in System Simulation, SIMUL 2014, October 12-16, Nice, FRANCE

99. International Program Committee 5th IASTED International Conference Modeling and Simulation, Africa MS 2014, September 1-3, Gaborone, Botswana.

100. International Program Committee 34th IASTED International Conference Modelling Identification and Control, MIC 2015, February 16-18, Innsbruck, AUSTRIA

101. International Program Committee, 2nd EUROSIS SIMEX'2014 Simulation International Conference, December 3-5, 2014, Brussels, BELGIUM.

102. International Program Committee 6th IASTED International Conference Computational Intelligence, CI 2015, February 16-18, Innsbruck, AUSTRIA

103. International Program Committee 6th International Multi-Conference on Complexity, Informatics and Cybernetics: IMCIC 2015, Orlando, Florida, March 10-13, USA.

104. International Program Committee Mediterranean Conference on Information and Communication Technologies MedICT 2015, May 7-9, Saidia, Morocco.

105. International Program Committee 12th EUROSIS International Industrial Simulation Conference (ISC 2014), June 11-13, 2014, Hogskolan Skovde, Sweden.

106. International Program Committee, 16th EUROSIS MESM-2015 International Middle Eastern Multiconference on Modelling and Simulation, March 2-4, 2015, Banama, Bahrain.

107. International Program Committee, EUROSIS ASTEC'2015 The 7th annual Asian Simulation Technology Conference, Singapore, March 25-27, 2015, Ghent University, Incheon, South-Korea.

108. International Program Committee 10th EUROSIS FUBUTEC Future Business Technology Conference 2015, April 27-29, 2015, IST Campus, Lisbon, Portugal.

109. International Program Committee 13rd EUROSIS International Industrial Simulation Conference (ISC 20154), June 1-3, 2015, Valencia, SPAIN.

110. International Program Committee 7th International Conference on Advances in System Simulation, SIMUL 2015, November 15-20, Barcelona, SPAIN

111. International Program Committee 6th IASTED International Conference Modelling, Simulation and Identification, MSI 2016, August 16-18, Campinas, Brazil.

112. International Program Committee 8th International Conference on Advances in System Simulation, SIMUL 2016, August 21-25, Brussels, BELGIUM.

113. International Program Committee 2nd International Conference on Computing, Technology and Engineering (ICCTE 2015), November 23-24, Dubai, UAE.

114. International Program Committee 35th IASTED International Conference Modeling Identification and Control, MIC 2016, February 15-17, Innsbruck, AUSTRIA

115. International Program Committee, 3nd EUROSIS SIMEX'2016 Simulation International Conference, February 4-6, 2016, Brussels, BELGIUM.

116. International Program Committee 17th EUROSIS MESM-2016 International Middle Eastern Multi conference on Modelling and Simulation, March 11-13, 2016, Amman, Jordan

117. International Program Committee 11th EUROSIS FUBUTEC Future Business Technology Conference 2016, April 13-15, 2016, Plymouth, U.K.

118. International Program Committee 14th EUROSIS International Industrial Simulation Conference (ISC 2016), June 6-8, 2016, Bucharest, Romania.

119. International Program Committee 6th IASTED African International Conference Modeling, Simulation and Identification, AFRICA-MS 2016, September 5-7, Caborone, BOTSWANA.

120. International Program Committee 36th IASTED International Conference Modeling Identification and Control, MIC 2017, February 20-22, Innsbruck, AUSTRIA.

121. International Program Committee 15th EUROSIS International Industrial Simulation Conference (ISC 2017), May 31-June 2, 2017, Warsaw, POLAND.

122. International Program Committee, 12th EUROSIS FUBUTEC Future Business Technology Conference 2017, May 31-June 2, 2017, Warsaw, POLAND

123. International Program Committee 7th IASTED International Conference Modeling Simulation and Identification, MSI 2017, July 19-2, Calgary, CANADA.

124. International Program Committee 9th International Conference on Advances in System Simulation, SIMUL 2017, October 8-12, Athens, GREECE.

125. International Program Committee Multidisciplinary International Conference 2018 (PAMIC 2018), May 11-13, 2018, Dubai, United Arab Emirates

126. International Program Committee, 16th EUROSIS MESM-2017 International Middle Eastern Multiconference on Modelling and Simulation, November 20-22, 2017, DUBAI.

127. International Program Committee (Reviewer) 9th International Multi-Conference on Complexity, Informatics and Cybernetics: IMCIC 2018, March 13-16, Orlando, Florida, USA.

128. International Program Committee 16th EUROSIS International Industrial Simulation Conference (ISC 2018), June 6-8, 2018, University of the Azores, Ponta Delgade, Portugal.

129. International Program Committee 10th International Conference on Advances in System Simulation, SIMUL 2018, October 14-18, Nice, FRANCE.

130. International Program Committee EUROSIS The European Simulation and Modelling Conference (ESM 2018), October 24-26, 2018, Ghent, Belgium.

131. Επιστημονική επιτροπή συνεδρίου 11th International Conference on Advances in System Simulation, SIMUL 2019, November 24-28, Valencia, SPAIN.

132. International Program Committee (Reviewer) 10th International Multi-Conference on Complexity, Informatics and Cybernetics: IMCIC 2019, March 12-15, Orlando, Florida, USA.

133. International Program Committee 17th EUROSIS International Industrial Simulation Conference (ISC 2019), June 5-7, 2019, Lisbon, Portugal.

134. International Program Committee EUROSIS The North-American Simulation Technology Conference (NASTEC 2019), July 2-4, 2019, Quebec City, CANADA.

135. International Program Committee (Reviewer) 23rd International Multi-Conference on Systemic, Cybernetics and Informatics WMSCI 2019, July 6-9, Orlando, Florida, USA.

136. International Program Committee 1st International Conference on Smart Information & Communication Technologies 2019 (SmartICT'19), September 26-28, Saidia Morocco.

137. International Program Committee EUROSIS The European Simulation and Modelling Conference (ESM 2019), October 28-30, 2019, Mallorca Spain.

138. International Program Committee 8th International on Innovation and new Trends in Information Technology INTIS2019, December 20-21, Tangier, Morocco.

139. International Program Committee 11th International Multi conference on Complexity Informatics and Cybernetics IMCIC2020, March 10-13, Orlando, Florida, USA.

140. International Program Committee 18th EUROSIS International Industrial Simulation Conference (ISC 2020), June 8-10, 2020, Dublin, IRELAND.

141. International Program Committee 6th International Conference on Image and Signal Processing ISRP 2020, June 20-21, Dubai, UAE.

142. International Program Committee 12th International Conference on Advances in System Simulation, SIMUL 2020, October 18-22, Porto, PORTUGAL.

143. International Program Committee EUROSIS The 34th European Simulation and Modelling Conference (ESM 2020), October 21-23, 2020, Toulouse, FRANCE.

144. International Program Committee 9th International on Innovation and new Trends in Information Technology INTIS2020, December 18-19, Tangier, Morocco.

145. International Program Committee 7th International Conference on Image and Signal Processing (ISPR 2021), May 22 ~ 23, 2021, Zurich, Switzerland

146. International Program Committee 19th EUROSIS International Industrial Simulation Conference (ISC 2021), June 2-4, 2021, Valletta, MALTA.

147. International Program Committee 12th International Multi conference on Complexity Informatics and Cybernetics IMCIC2021, March 9-12, Orlando, Florida, USA.

148. International Program Committee 2nd GS International Conference on Computer Science and Engineering GSICCSE 2021, May 23, Dubai, UAE.

149. International Program Committee 13th International Conference on Advances in System Simulation, SIMUL 2021, October 3-7, Barcelona, SPAIN.

150. International Program Committee EUROSIS 35th European Simulation and Modelling Conference (ESM 2021), October 27-29, 2021, Rome, ITALY.

151. International Program Committee 3nd GS International Conference on Computer Science and Engineering GSICCSE 2022, February 5-6, 2022, Dubai, UAE.

152. International Program Committee International Conference on Automated Communication and Reliable Systems ICACRS 2022, April 2022, Adama, Ethiopia.

153. Επιστημονική επιτροπή συνεδρίου 13th International Multi conference on Complexity Informatics and Cybernetics IMCIC2022, March 8-11, 2022, Orlando, Florida, USA.

CHAIR OF INTENATIONAL CONFERENCES

1. ASM 2011, 19th IASTED International Conference Applied Simulation and Modeling, Crete, Greece, June 22-24, 2011.

2. International Conference on Information Technology 2013 (MIC-IT'13), January 01-03, 2013, Dubai, United Arab Emirates (UAE)

3. GS International Multi-Conference on Science and Technology (GS-MCST2014), August 1-3, 2014, Dubai, United Arab Emirates (Co-Chair)

4. GS International On-line Conference in Computing (GS-IO2017), March 17-18, 2017, (Co-Chair)

5. GS International 2nd GS International Conference on Computer Science and Engineering GSICCSE 2021, May 23, Dubai, UAE. (Co-Chair)

PUBLISHED BOOKS

1. ANGELI C. (2000), Programming with Visual Basic 6, Synchroni Ekdotiki Publishing.

2. ANGELI C. (2005), Web Programming HTML 4 & ASP, Synchroni Ekdotiki Publishing.