

Curriculum Vitae

Nikolaos Spanoudakis

Present Post

Assistant Professor (February 2025)

**Department of Electronic Engineering
Hellenic Mediterranean University**

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https://www.researchgate.net/profile/Nikolaos_Spanoudakis
https://scholar.google.gr/citations?user=Ldn3i_QAAAAJ

Education

2006-2009

Paris Descartes University, Paris, France
Ph.D in Computer Science

Dissertation: The Agent Systems Engineering Methodology (ASEME)

Honours: Dissertation passed “très honorable”

Defence committee:

Prof. Pavlos Moraitis, Paris Descartes University (director)

Prof. John Mylopoulos, University of Toronto (reviewer)

Dr Massimo Cossentino, HDR, CNR-Italy (reviewer)

Prof. Amal El Fallah-Seghrouchni, UPMC (examiner)

Dr Yves Demazeau, CNRS-Grenoble (examiner)

1997 - 2001

Technical University of Crete, Chania, Greece

M.Sc. in Organization and Management

Thesis: Architecture and Communication of an Agent-based Decision Support System (in Greek)

1991 - 1997

University of Patras, Patras, Greece

Diploma in Computer Engineering and Informatics

Thesis: Pilot Implementation of a Telework Program (in Greek)

Distinctions

- 2023 Awarded the **ACM senior member** grade. The Senior Members Grade recognizes those ACM members with at least 10 years of professional experience and at least 5 years of Professional Membership in the last 10 years, who have demonstrated performance through technical leadership, and technical or professional contributions.
- 2021 Awarded for **Teaching** as a Member of the Laboratory Teaching Staff of the Technical University of Crete. Awarded by the Rectorate
- 2014 The Robotic Research Team Kouretes was promoted by the "Documentation and Promotion of Excellence in Higher Education" programme of the Greek Ministry of Education ([video](#))
- 2012 Awarded the **IEEE senior member** grade. Realization of this grade requires extensive experience and reflects professional maturity and documented achievements of significance.
- 2011 The team Noxious-Kouretes won the **2nd place in the Standard Platform League (SPL) Open Challenge Competition, of the RoboCup 2011** competition in Istanbul, Turkey ([results](#))

Membership of Professional and Learned Societies

- June 2011 Association for Computing Machinery ([ACM](#))
- November 2007 Hellenic Artificial Intelligence Society (EETN), member of European Coordinating Committee for Artificial Intelligence (ECCAI). **Member of the board (2019-20, 2021-22).**
- June 2007 Institute of Electrical and Electronics Engineers ([IEEE](#))
- December 2005 European Association for Multi-Agent Systems (EURAMAS). **Member of the board (Secretary, 2022-24).**
- July 1998 Technical Chamber of Greece (TEE-TCG)

Teaching Experience

- AY 2020-21 - 2024-25 **Post-graduate Masters Programme**, "Distributed Artificial Intelligence track"
Department of Mathematics and Computer Science, University of Paris, France
- **Agent-Oriented Software Engineering** course (18 hours) (Fall semester)
- AY 2021-22 - 2024-25 **School of Mineral Resources Engineering**, Technical University of crete, Greece
- **Introduction to Computer Programming** (MATH 105), 1st year course (39 hours of teaching, co-tutor)
- AY 2018-19 - AY 2020-21 **Post-graduate Masters Programme**, "Business Administration (MBA)"
School of Production Engineering and Management, Technical University of Crete, Greece
- **Information Systems and e-government** (MBA 02012) course (18 hours)

- AY 2015-16 - 2024-25 **Interdepartmental Post-graduate Programme,**
Technical University of Crete, Evelpidon Military Academy, Greece
- **Systems Analysis, Design and Development** (es1-2) course (18/39 hours) of the MSc programme in Intelligent Systems (Spring AYs 2019-20 - 2024-25)
 - **Advanced Systems** (SES-4) course (18/39 hours) of the MSc programme in Systems Engineering (Spring AY 2015-16, Fall AYs 2016-17, 2017-18)
 - **Systems Methodology and Modeling** (SES-21) course (9/39 hours) of the MSc programme in Systems Engineering (Fall AY 2015-16)
 - **Systems Management and Evaluation** (SES-31) course (18/39 hours) of the MSc programme in Systems Engineering (Spring AY 2015-16, Fall AYs 2016-17, 2017-18, 2018-19)
 - **Distributed Artificial Intelligence and Multi-Agent Systems, Intelligent Systems** (SES-36, EEA-36) course (18/39 hours) of the MSc programme in Systems Engineering, and, in Applied Operational Research and Analysis (Spring AY 2015-16, Fall AYs 2016-17, 2017-18, 2018-19).
- AY 2014-15 - 2022-23 **School of Production Engineering and Management,** Technical University of Crete, Greece
- **Programming Methodology** (DPEM-101) course (26 hours) of the Under-graduate curriculum (since Fall AY 2014-15).
 - **Electronic Business** (DPEM-230) course (26 hours) of the Under-graduate curriculum (Spring AYs 2015-16, 2016-17, 2019-20, 2020-21, 2021-22, Fall AY 2022-23).
 - **Engineering Statistics** (DPEM-228) course (26 hours) of the Under-graduate curriculum (Spring AY 2018-19).
- AY 2017-18 - 2020-21 **Interdepartmental Post-graduate Programme,**
"Master in Technology & Innovation Management (MTIM)"
Schools of Electrical and Computer Engineering, of Production Engineering and Management, Technical University of Crete, Chania, Greece
- **New Product And Service Development** (MTIM 107) course (21/39 hours) (since Fall 2018-19)
 - **Electornic Business** (MTIM 108) course (18 hours) (Fall 2017)
- AY 2014-15 - 2024-25 **Technical University of Crete,** Chania, Greece
Instructor for the laboratory demonstration and tutorial part of undergraduate courses (at least 160 hours of teaching per year):
- **Introduction to computer programming** (MATH 105), using C and Fortran
 - **Scientific computing** (MATH 106), using Matlab
 - **Linear Algebra** (MATH 201), using Matlab
 - **Numerical Analysis** (MATH 202), using Matlab
- AY 2021-22 **Interdepartmental Post-graduate Programme, "Business Operations Management"**
Technical University of Crete, University of West Attica, Athens, Greece
- **Electronic Business and Digital Marketing course** (15/39 hours) (Spring AY 2021-22)

Professional Experience - Research Projects

April 2019 – **Technical University of Crete, Life-Long Learning Center, Greece**

February 2025	Director
February 2007 – February. 2025	Technical University of Crete, School of Production Engineering and Management, Applied Mathematics and Computers Laboratory, Greece Laboratory Teaching Staff (tenured)
December 2023	National Technical University of Athens, Greece Researcher GAIO-ORAMA: " Mineral raw materials, digital culture and circular economy (ELKE NTUA 68/1634).
September 2022 – December 2022	Technical University of Crete, Researcher "The Integrator-centric approach for realising innovative energy efficient buildings in connected sustainable green neighbourhoods" (HORIZON 2020 PROBONO, Grant agreement ID: 101037075).
October 2021 – November 2021	National Technical University of Athens, Greece Researcher "BATTERFLAI: Supply of BATTERy Minerals Using Lignin Nanoparticles as FLoTAtIon Collectors" (ELKE EMP 62/386300).
April 2020 - December 2020	Technical University of Crete, Greece Principal Investigator "Proof of Concept for automated argumentation-based PDF-annotation" (ELKE-82300).
January 2020 - February 2020	Technical University of Crete, Greece Principal Investigator "Gorgias toy-model implementation for the cloud computing domain" (ELKE-82246).
February 2018 - April 2018	University of Mons, Belgium Researcher A three months research visit to the Software Engineering Lab of the Computer Science Department of the University of Mons, funded by the Belgian Fund for Scientific Research (FNRS-S852PF010). Collaborated with Prof. Tom Mens
January 2010 – February 2012	Researcher HERA "Home sERvices for specialised elderly Assisted living" project, co-funded by the Greek government and the EU (AAL-2008-1). - Managed a computer and informatics engineer
January 2007 - April 2008	Singular Logic S.A., Greece Software Engineer Market-miner "A System for data-mining for dynamic forecasting of the consumers needs and for automatic decision making for pricing products" project, co-funded by the Greek government.
January 2005 - December 2006	Singular Software S.A., Greece Software Engineer/Project Manager Information Society Technologies (IST) 6th Framework Programme, Integrated Project (IP) "Ambient Intelligence System of Agents for Knowledge-based and Integrated Services for Mobility Impaired users" IST-2003-511298 ASK IT project.

- January 2005
- December 2006 **Centre for Research and Technology Hellas - CERTH, Greece**
Technical Manager
Information Society Technologies (IST) 6th Framework Programme, Integrated Project (IP)
“Ambient Intelligence System of Agents for Knowledge-based and Integrated Services for Mobility Impaired users” IST-2003-511298 ASK IT project..
- Managed a team of two programmers
- July 2004
- October 2004 **TREDIT S.A., Θεσσαλονίκη**
Scientific Consultant
Systems integration using service oriented architecture (web services).
- April 2004 –
December 2005 **Singular Software S.A., Greece**
Software Engineer/Project Manager
Information Society Technologies (IST) 6th Framework Programme, Special Targeted Research Project (STRP) “Intelligent Mobility AGents, Advanced Positioning and Mapping Technologies, INtEgrated Interoperable MulTimodal location based services” IST-2003-508008 IM@GINE IT project.
- Acted as “Development Manager” for the whole Im@gine IT consortium (which included organizations such as Motorola, Daimler-Chrysler, Porsche, FIAT, etc.)
- August 2003 –
September 2005 **University of Cyprus, Cyprus**
Software Engineer/Technical Manager
Distributed multi-agent system that for supporting the functions of the Centre for the Prevention of Mental Retardation in Cyprus, NEOGNOS (RPF 39/2002) project, Research Promotion Foundation of Cyprus.
- Managed one computer and informatics engineer
- March 2002 –
December 2003 **Singular Software S.A., Greece**
Software Engineer/Project Manager
Information Society Technologies (IST) 5th Framework Programme, Research and Technological Development (RTD) “Intelligent Mobility Agent for Complex Geographic Environments” IST-2000-30047 IMAGE project.
- Appointed as project manager on January 2003
- Managed one computer and informatics engineer
- January 2002
– June 2002 **Linköping University, Sweden**
Software Engineer
Rule base shell and inference engine (forward and backward chaining) development using the Java language.
- September 1998
– January 2001 **Technical University of Crete,**
Software Engineer
DIMITRA Project (Development of an integrated knowledge based decision support system for differentiated agricultural products) of the Commission of the European communities directorate – general for agriculture DGVI FII.3, contract id: FAIR-PL95-844.
- January 1998
– May 2000 **Technical University of Crete,**
Software Engineer
ADAPT 192/251 A-1997-GR-577 METAQUA (development of a telematics centre in order to support teleworking and distance learning, study and pilot implementation of telework at the

INKA business).

March 1997 – **Advanced Informatics Ltd.**, Greece
July 1997 **Systems Analyst/Programmer**

ESPRIT PROJECT 23920 OMI/SAFE (safety and reliability analysis of Safety-Critical Real-Time Applications in ADA).

October 1996 **Ad Advanced Informatics Ltd.**, Greece
– July 1997 **Systems Analyst/Programmer**

ESPRIT PROJECT 20899 OMI/ANTI-CRASH (development of a tool to perform safety and reliability analysis of Safety-Critical Real-Time Applications written in C and DAO).

Academic Activities

Guest Editor:

- Computer Science (SNCS) - Springer Nature

Organizing committee member:

- Member of the organizing committee of the 7th World Congress and School on Universal Logic (UNILOG 2022), Orthodox Academy of Crete, April 1 - 11, 2022
- Member of the organizing committee of the 2019 Advanced Course on AI (ACAI-2019), 1-5 July 2019, Chania, Greece
- Member of the organizing committee of the 13th Learning and Intelligent Optimization Conference (LION 13), Chania, May 27-31 2019
- Member of the local organizing committee of the 16th European Agent Systems Summer School (EASSS 2014), 14-18 July 2014, Chania, Greece
- Member of the local organizing committee of the 1st Multiagent Systems Summer School @ Chania, Crete / Hellenic Artificial Intelligence Summer School 2013 – Agents (CretaMASSS-2013/HAISS'13-Agents), 22-26 July 2013, Chania, Greece

Reviewer in international journals:

- IEEE Intelligent Systems
- Information and Software Technology (INFSOF) – Elsevier
- Journal of Web Semantics (JWS) - Elsevier
- International Journal on Artificial Intelligence Tools (IJAIT) - World Scientific
- Journal of Ambient Intelligence and Smart Environments (JAISE) – IOS Press
- International Journal of Advanced Robotic Systems (IJARS) - Taylor & Francis
- Computer Science (SNCS) - Springer Nature
- Journal of Safety Science - Elsevier
- Simulation Modelling Practice and Theory (SIMPAT) – Elsevier
- Personal and Ubiquitous Computing Journal (PUC) – Springer Nature
- Journal of software: Evolution and Process (JSME) - Springer Nature
- Journal of the Knowledge Economy (JKEC) - Springer Nature
- Sensors (ISSN 1424-8220) - MDPI
- Operational Research: An International Journal (ORIJ) - Springer Nature
- International Journal of Decision Support Systems (IJDSS) - InderScience
- IEEE Journal of Emerging and Selected Topics in Industrial Electronics

Program committee member:

- 20th European Conference on Multi-Agent Systems (EUMAS 2023)

- 32nd International Joint Conference on Artificial Intelligence (IJCAI 2023)
- 12th EETN Conference on Artificial Intelligence (SETN 2022)
- 31st International Joint Conference on Artificial Intelligence (IJCAI-ECAI 2022)
- 21st International Conference on Autonomous Agents and Multiagent Systems (AAMAS 2022)
- 36th AAAI Conference on Artificial Intelligence (AAAI 2022)
- 4th IEEE International Conference on Artificial Intelligence and Virtual Reality (IEEE AIVR 2021)
- 30th International Joint Conference on Artificial Intelligence (IJCAI-21)
- 20th International Conference on Autonomous Agents and Multiagent Systems (AAMAS 2021)
- 35th AAAI Conference on Artificial Intelligence (AAAI 2021)
- 19th International Conference on Autonomous Agents and Multiagent Systems (AAMAS 2020)
- 34th AAAI Conference on Artificial Intelligence (AAAI 2020)
- 28th International Joint Conference on Artificial Intelligence (IJCAI -19)
- 18th International Conference on Autonomous Agents and Multiagent Systems (AAMAS 2019)
- 33rd AAAI Conference on Artificial Intelligence (AAAI 2019)
- 2018 European Conference on Ambient Intelligence (Aml 2018)
- 27th International Joint Conference on Artificial Intelligence and 23rd European Conference on Artificial Intelligence (IJCAI-ECAI-18)
- 17th International Conference on Autonomous Agents and Multiagent Systems (AAMAS 2018)
- 16th International Conference on Autonomous Agents and Multiagent Systems (AAMAS 2017)
- 18th EPIA Conference on Artificial Intelligence (EPIA 2017), Software Engineering for Autonomous and Intelligent Systems Track (SE4AIS)
- 30th International Conference on Industrial, Engineering & Other Applications of Applied Intelligent Systems (IEA/AIE 2017), Special Track on Applications of Argumentation (APPARG2017)
- 9th International KES Conference on Intelligent Interactive Multimedia: Systems and Services (KES-IIMSS-16), Session on Smart Environments and Information Systems (IS09)
- 14th International Conference on Autonomous Agents and Multiagent Systems (AAMAS 2015)
- Workshop on Agents and multi-agent Systems for AAL and e-HEALTH (A-HEALTH), held in conjunction with the 11th International Conference on Practical Applications of Agents and Multi-Agent Systems (PAAMS 13)
- 1st International Workshop on Engineering Multi-Agent Systems (EMAS 2013), held in conjunction with the 12th International Conference on Autonomous Agents and Multiagent Systems (AAMAS 2013)
- Workshop on Agents for Ambient Assisted Living (AAAL 2012), held in conjunction with the 10th International Conference on Practical Applications of Agents and Multi-Agent Systems (PAAMS 12)
- 22nd International Joint Conference on Artificial Intelligence (IJCAI-11)
- 9th International Conference on Practical Applications of Agents and Multi-Agent Systems (PAAMS'11)

Auxiliary reviewer for:

- 21st International Conference on Practical Applications of Agents and Multi-Agent Systems (PAAMS'23)
- The 31st international conference on Legal Knowledge and Information Systems (JURIX 2018)
- The 2017 IEEE/RSJ International Conference on Intelligent Robots and Systems (IROS 2017)
- 13th IEEE Conference on Automation Science and Engineering (IEEE CASE 2017)
- The 2016 IEEE/RSJ International Conference on Intelligent Robots and Systems (IROS 2016)
- Workshop on New Methods and Tools for Big Data (MT4BD-2014), part of 10th International Conference on Artificial Intelligence Applications and Innovations (AIAI 2014).
- IEEE/WIC/ACM International Conference on Intelligent Agent Technology (IAT'12)
- 2012 IEEE/RSJ International Conference on Intelligent Robots and Systems (IROS 2012)
- 16th RoboCup International Symposium 2012 (RCS 2012)
- 13th International Workshop on Agent-Oriented Software Engineering (AOSE 2012)
- 11th International Conference on Autonomous Agents and Multiagent Systems (AAMAS 2012)
- 9th European Workshop on Multi-Agent Systems (EUMAS 2011)

- 15th Portuguese Conference on Artificial Intelligence (EPIA2011)
- 9th German Conference on Multi-Agent System Technologies (MATES 2011)
- 2nd International Workshop on Infrastructures and Tools for Multiagent Systems (ITMAS 2011), held in Conjunction with Autonomous Agents and Multi-Agent Systems (AAMAS 2011)
- 25th Conference on Artificial Intelligence (AAAI-11)
- 2nd International Conference on Agents and Artificial Intelligence (ICAART 2010)
- 2010 IEEE International Conference on Systems, Man, and Cybernetics (SMC 2010)
- 8th European Workshop on Multi-Agent Systems (EUMAS 2010)
- 1st International Workshop on Infrastructures and Tools for Multiagent Systems (ITMAS 2010), held in Conjunction with Autonomous Agents and Multi-Agent Systems (AAMAS 2010)
- 8th International Conference on Autonomous Agents and Multi-Agent Systems (AAMAS'09)
- IEEE/WIC/ACM International Conference on Intelligent Agent Technology (IAT'09)
- 7th International Conference on Autonomous Agents and Multi-Agent Systems (AAMAS'08)
- IEEE/WIC/ACM International Conference on Intelligent Agent Technology (IAT'08)
- IEEE/WIC/ACM International Conference on Intelligent Agent Technology (IAT'07)
- International Workshop on Agent-Based Ubiquitous Computing (ABUC2007), held in Conjunction with Autonomous Agents and Multi-Agent Systems (AAMAS 2007)

Tutorials

- Tutorial on Preference-based argumentation in practice - 23rd European Agent Systems Summer School ([EASSS 2023](#)), 2023, July 17-21, Prague, Czech Republic
- Tutorial on Statecharts use in Agent Technology - 22nd European Agent Systems Summer School (EASSS 2021), 19 July 2021, Porto, Portugal
- Tutorial on Model Driven Agent-Oriented Software Engineering (MoD-AOSE) - 18th European Agent Systems Summer School (EASSS 2016), 25-29 July 2016, Catania, Italy
- Tutorial on Agent-Oriented Software Engineering (AOSE) - 1st Multiagent Systems Summer School @ Chania, Crete / Hellenic Artificial Intelligence Summer School 2013 – Agents (CretaMASSS-2013/HAISS'13-Agents), 26 July 2013, Chania

Languages

Greek	native language
English	speak fluently and read/write with high proficiency, holding the Proficiency (CPE) Diploma in English language of Cambridge University
French	speak, read, and write with basic competence, holding the DELF diploma

Publications

Βιβλίο

- B1 Matsatsinis N., Spanoudakis N. and Samaras A. Introduction to Artificial Intelligence and Multi-agent Systems, ISBN 960-8105-77-3, 2005 (in the Greek language)

Journals

- J1 Spanoudakis N., Krassadaki E. (2024). Role assignment to workgroup members and its effects in a first-semester computer programming course. *Dialogues! Theory and practice in the sciences of education and training*, 10, 262–274 (in the Greek language)
- J2 Spanoudakis, N. I., Akasiadis, C., Iatrakis, G., & Chalkiadakis, G. (2023). Engineering IoT-Based Open MAS for Large-Scale V2G/G2V. *Systems*, 11(3), 157.
- J3 Spanoudakis, N. I., Gligoris, G., Koumi, A., & Kakas, A. C. (2023). Explainable argumentation as a service. *Journal of Web Semantics*, 76(100772).
- J4 Spanoudakis, N. I., & Moraitis, P. (2022). The ASEME methodology. *International Journal of Agent-Oriented Software Engineering*, 7(2), 79-107.
- J5 Spanoudakis, N. I. (2021). Engineering Multi-agent Systems with Statecharts. *SN Computer Science*, 2(4), 1-21.
- J6 Kakas A.C., Moraitis P., Spanoudakis N. (2019). Gorgias: Applying Argumentation. *Argument & Computation*, Vol. 10, No. 1, pp. 55-81, 2019, IOS Press
- J7 Mens T., Decan A., Spanoudakis N.I. (2019). A Method for Testing and Validating Executable Statechart Models. *International Journal on Software and Systems Modeling (SoSyM)*, Vol. 18, Issue 2, Model-Based Testing Special Issue (open access), April 2019, pp. 837-863
- J8 Spanoudakis N., Floros E., Mitakidis N., Delias P. (2018). Validating MAS Analysis Models with the ASEME Methodology. *International Journal of Agent-Oriented Software Engineering*, Vol 6, No. 2, pp 211-240
- J9 Spanoudakis N., Moraitis, P. (2015). Engineering Ambient Intelligence Systems using Agent Technology. *IEEE Intelligent Systems*, Vol. 30, Issue 3, May-June, pp. 60-67, doi: 10.1109/MIS.2015.3
- J10 Pendaraki K. and Spanoudakis N. (2015). Portfolio Performance and Risk-based Assessment of the PORTRAIT Tool. *Operational Research. An International Journal (ORIJ)*, Volume 15, Issue 3 (October), pp 359-378
- J11 Pendaraki K. and Spanoudakis N.I. (2012). An Interactive Tool for Mutual Funds Portfolio Composition Using Argumentation. *Journal of Business, Economics and Finance (JBEF)*, Vol. 1, Issue 3 (September), pp. 33-51
- J12 Spanoudakis N., Moraitis, P. (2009). Engineering an Agent-based System for Product Pricing Automation. *International Journal of Engineering Intelligent Systems for Electrical Engineering and Communications*, Vol. 17, No. 2-3 (June-September), pp. 139–151
- J13 Spanoudakis N., Pendaraki K. and Beligiannis G. (2009). Portfolio Construction Using Argumentation and Hybrid Evolutionary Forecasting Algorithms. *International Journal of Hybrid Intelligent Systems (IJHIS)*, Vol. 6, No. 4, pp. 231-243
- J14 Moraitis P., Spanoudakis N. (2007). Argumentation-based Agent Interaction in an Ambient Intelligence Context. *IEEE Intelligent Systems*, Special Issue on Argumentation Technology, Vol. 22, No. 6 (November-December), pp. 84-93
- J15 Moraitis P., Spanoudakis N. (2006). The Gaia2JADE Process for Multi-Agent Systems Development. *Applied Artificial Intelligence Journal*, Taylor & Francis, Vol. 20, No. 2-4 (February-April), pp. 251-273
- J16 Matsatsinis N., Moraitis P., Psomatakis V., Spanoudakis N. (2003). An Agent-Based System for Products Penetration Strategy Selection. *Applied Artificial Intelligence Journal*, Taylor & Francis, Vol. 17, No. 10 (November-December), pp. 901-925

Book Chapters, Conferences, Symposia, Specialized workshops

- C1 Spanoudakis N., Akasiadis C., Kechagias G., Chalkiadakis G. (2024). Protocol Design Patterns for Statecharts-Based Open MAS Development. In the 21st European Conference on Multi-Agent Systems (EUMAS 2024), Dublin, Ireland, August 26-28
- C2 Doudounakis M., Spanoudakis N., Kanellos F. (2024). Cost-effective, MAS-based, reefer system at container terminals. In the 21st European Conference on Multi-Agent Systems (EUMAS 2024), Dublin, Ireland, August 26-28
- C3 Spanoudakis N., Krinakis P., Kolokotsa D. (2024). A Methodology for Applying Decision Policies Into Smart Buildings With the Use of Computational Argumentation and IoT Technologies. In the 5th International Conference In Electronic Engineering, Information Technology & Education (EEITE 2024), Chania, Greece, 29-31 May
- C4 Konstantaras A.J., Maravelakis E., Giannakakis G., Doitsidis L., Spanoudakis N., Duca, E. (2024). K-12 Agile Learning with Educational Software and Robotics Technology. In the 5th International Conference In Electronic Engineering, Information Technology & Education (EEITE 2024), Chania, Greece, 29-31 May
- C5 Spanoudakis N., Krassadaki E. (2023). Role Playing and its Effects in a First Semester Computer Programming Course. In 1st International Faculty Development and Higher Educational Pedagogy Conference 2023, September 15-17, University of Crete, Greece.
- C6 Spanoudakis, N., Batakis, N., & Matsatsinis, N. F. (2023). Utility-Based Robotic Process Automation Candidate Projects Ranking. In *Operational Research in the Era of Digital Transformation and Business Analytics: BALCOR 2020*, Thessaloniki, Greece, September 30-October 3, 2020 (pp. 89-96). Cham: Springer International Publishing
- C7 Spanoudakis, N., Benioudaki, M., & Matsatsinis, N. F. (2023). Applying BPMS to the Public Sector Using OSS. In *Operational Research in the Era of Digital Transformation and Business Analytics: BALCOR 2020*, Thessaloniki, Greece, September 30-October 3, 2020 (pp. 141-148). Cham: Springer International Publishing
- C8 Karaspiliou A., Karagianni A., Andreadakis D., Theodoropoulou H., Spanoudakis N., Geropanta V., Parthenios P., Gerothodoros C. (2023). Chroma: an AR Experimental Application on Color, Space and User Experience. In *Human-Centric CAADRIA 2023*, Ahmedabad, India, March 18-24
- C9 Spanoudakis, N. I., Kakas, A. C., & Koumi, A. (2022). Application Level Explanations for Argumentation-based Decision Making. In *1st International Workshop on Argumentation for eXplainable AI (ArgXAI 2022)*, Cardiff, Wales, United Kingdom, September 12
- C10 Spanoudakis, N. I., Gligoris, G., Kakas, A. C., & Koumi, A. (2022). Gorgias Cloud: On-line Explainable Argumentation. In *System demonstration at the 9th International Conference on Computational Models of Argument (COMMA 2022)*, Cardiff, Wales, United Kingdom, September 14-16
- C11 Akasiadis, C., Iatrakis, G., Spanoudakis, N., & Chalkiadakis, G. (2022, October). An Open MAS/IoT-Based Architecture for Large-Scale V2G/G2V. In *Advances in Practical Applications of Agents, Multi-Agent Systems, and Complex Systems Simulation. The PAAMS Collection: 20th International Conference, PAAMS 2022, L'Aquila, Italy, July 13–15, 2022, Proceedings* (pp. 3-14). Cham: Springer International Publishing.
- C12 Spanoudakis, N. I., Kostis, K., & Mania, K. (2021). Web-Gorgias-B: Argumentation for All. In *Proceedings of the 13th International Conference on Agents and Artificial Intelligence (ICAART 2021)*, February 4-6, pp. 286-297 (2)
- C13 Batakis N., Spanoudakis N., Matsatsinis N. (2020). A Decision Support Tool for Ranking Robotic Process Automation Candidate projects. In the *XIV Balkan Conference on Operational Research (BALCOR 2020)*, September 30 - October 3, Thessaloniki, Greece

- C14 Benioudaki M., Spanoudakis N., Matsatsinis N. (2020). Open Source BPMS for the Public Sector: A case study. In the *XIV Balkan Conference on Operational Research (BALCOR 2020)*, September 30 - October 3, Thessaloniki, Greece
- C15 Spanoudakis, N. I. (2020). Statecharts and Agent Technology: The Past and Future. In *17th European Conference on Multi-Agent Systems (EUMAS 2020). Post proceedings:* Bassiliades N., Chalkiadakis G., de Jonge D. (eds) Multi-Agent Systems and Agreement Technologies. EUMAS 2020, AT 2020. Lecture Notes in Computer Science, vol 12520. Springer, Cham
- C16 Spanoudakis N., Kostis K., and Mania K. (2020). Argumentation for all. In *Proceedings of the 35th Annual ACM Symposium on Applied Computing (SAC '20)*. ACM, New York, NY, USA, 980–982 (short paper)
- C17 Spanoudakis N., Akasiadis C., Kechagias G., and Chalkiadakis G. (2019). An Open MAS Services Architecture for the V2G/G2V Problem. In *Proc. of the 18th International Conference on Autonomous Agents and Multiagent Systems (AAMAS 2019)*, Montreal, Canada, May 13–17, 2019, IFAAMAS (extended abstract)
- C18 Spanoudakis N., Krassadaki L., Pialoglou A. and Matsatsinis N. (2019). A Web Application for Aiding Tutors to Develop Course Outlines. In the *11th International Conference on Computer Supported Education (CSEDU 2019)*, Heraklion, Crete, Greece, May 2-4 (short paper)
- C19 Bassiliades N., Spanoudakis N.I., Kakas A.C. (2018). Towards Multipolicy Argumentation. In *Proceedings of 10th Hellenic Conference on Artificial Intelligence (SETN'18)*, Rio Patras, Greece, July 2018, <https://doi.org/10.1145/3200947.3201032>
- C20 Spanoudakis N., Constantinou E., Koumi A., Kakas A.C. (2017). Modeling Data Access Legislation with Gorgias. In the *30th International Conference on Industrial, Engineering & Other Applications of Applied Intelligent Systems (IEA/AIE 2017), Special Track on Applications of Argumentation (APPARG2017)*, Arras, France, June 27-30
- C21 Mitsikas T., Spanoudakis N., Stefaneas P., Kakas A.C. (2017). From Natural Language to Argumentation and Cognitive Systems. In the *13th International Symposium on Commonsense Reasoning (Commonsense-2017)*, University College London, UK, November 6-8, 2017
- Also In the International Workshop on Artificial Intelligence and Cognition, 5th Edition, Larnaca, Cyprus, November 1-3, 2017
- C22 Karafili E., Kakas A.C., Spanoudakis N.I., Lupu E.C. (2017). Argumentation-based Security for Social Good. In the *AAAI 2017 Spring Symposium on AI for Social Good (AISOC17)*, Stanford University, March 27-29
- C23 Spanoudakis N., Kakas A.C., Moraitis P. (2016). Conflicts Resolution with the SoDA Methodology. *2nd International Workshop on Conflict Resolution in Decision Making (COREDEMA 2016)*, Post-Proceedings, Lecture Notes in Artificial Intelligence (LNAI), vol. 10238, Springer-Verlag, pp. 82-99
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