

**PERSONAL INFORMATION**

NAME	STAVROS D. KAMINARIS
ADDRESS	250, THIVON ST., EGALIO, GR-12241, ATHENS, GREECE
Telephone	+30 2105381574, +30-6932668624
E-mail	<a href="mailto:skamin@uniwa.gr">skamin@uniwa.gr</a>
Nationality	Hellenic (Greek)
Date of birth	22/03/1966
Marital Status	Married with one children

**WORK EXPERIENCE**

• Dates (from – to)	<b>2021-today</b>
• Name and address of employer	University of West Attica
• Type of business or sector	Electrical and Electronics Engineering Department
• Occupation or position held	Professor
• Main activities and responsibilities	Director of the (Buildings -Industrial) Electrical Installations Lab Graduate Courses Postgraduate Courses Supervisor of Graduate / Postgraduate dissertations

• Dates (from – to)	<b>9/2023-σήμερα</b>
• Name and address of employer	University of West Attica
• Type of business or sector	Vice Rector of Academic Affairs and Quality Assurance
• Occupation or position held	Professor
• Main activities and responsibilities	Graduate Courses Postgraduate Courses Supervisor of Graduate / Postgraduate dissertations

• Dates (from – to)	<b>2021-σήμερα</b>
• Name and address of employer	University of West Attica
• Type of business or sector	Electrical and Electronics Engineering Department
• Occupation or position held	Professor
• Main activities and responsibilities	Graduate Courses Postgraduate Courses Supervisor of Graduate / Postgraduate dissertations

• Dates (from – to)	<b>2018-2021</b>
• Name and address of employer	University of West Attica
• Type of business or sector	Electrical and Electronics Engineering Department
• Occupation or position held	Associate Professor
• Main activities and responsibilities	Head of Industrial Power Devices and Automation Division Director of the (Buildings -Industrial) Electrical Installations Lab Graduate Courses Postgraduate Courses Supervisor of Graduate / Postgraduate dissertations

• Dates (from – to)	<b>2016-2018</b>
• Name and address of employer	Piraeus University of Applied Science (TEI of Piraeus)
• Type of business or sector	Electrical Engineering Department
• Occupation or position held	Associate Professor
• Main activities and responsibilities	Head of Electrical Installations & Constructions Division

Director of the Electrical Installations Lab  
 Graduate Courses  
 Postgraduate Courses  
 Supervisor of Graduate / Postgraduate dissertations

- Dates (from – to)
- Name and address of employer
  - Type of business or sector
  - Occupation or position held
- Main activities and responsibilities

**2010-2016**  
 Piraeus University of Applied Science (TEI of Piraeus)  
 Electrical Engineering Department  
 Assistant Professor  
 Head of Electrical Installations & Constructions Division  
 Director of the Electrical Installations Lab  
 Graduate Courses  
 Postgraduate Courses  
 Supervisor of Graduate / Postgraduate dissertations

- Dates (from – to)
- Name and address of employer
  - Type of business or sector
  - Occupation or position held
- Main activities and responsibilities

**1989-today**  
 Researcher

- His research interests include applications of AI techniques/intelligent based systems/fuzzy logic & expert systems applications on power systems, condition evaluation of electromechanical equipment, fault diagnosis and recovery, smart electrical installations, intelligent control and decision making, energy saving & management systems and energy storage.
- Moreover, he has been senior researcher in the research program entitled "Investigation of the Possibility of Energy Saving n Existing DC Motor Drive Systems in the Hellenic Territory and the Quality of Electric Power in These" in the framework of the "Archimedes III: Funding of Research Teams in TEI" and in a project commissioned by APOPSI SA with the title: "Development of a Remote Management Lighting Network System Using M2M Technologies and Further Applications in Smart Grids". The project was implemented within the framework of the Action "Digital Convergence - Information Society". He has also participated as a member of the main research team of projects such as: "Development of a Power Network Quality evaluation model using Fuzzy Logic and Analytical Measurements" in the framework of the " Archimedes III: Funding of Research Teams in TEI ", etc.

- Dates (from – to)
- Name and address of employer
  - Type of business or sector
  - Occupation or position held
- Main activities and responsibilities

**2007-2010**  
 ELANET (Hellenic Development Company)  
 Completion of 145 investment projects - Budget ca. 150M€.  
 Head of Energy Department of Action 2.1.3 of the European Operational Program of Competitiveness  
 Head of Energy Department of Action 2.1.3 of the European Operational Program of Competitiveness in ELANET (Hellenic Development Company) within the 3rd European Community Support Framework.

Main tasks:

- ◆ Support of private sector proposals in order to ensure their participation in the Community Support Framework and Community Initiatives
- ◆ Provision of high quality Management in their implementation.
- ◆ Complete Auditing and Supervision of projects of the above categories in order to assure their successful and on-time implementation.

Among the Measures of the OPERATIONAL ENERGY PROGRAM are:

- ◆ Solar (PV) and wind (WG) energy production for personal use or for selling,
- ◆ Rational use of Energy in Industry and Large buildings,
- ◆ Implementation of Natural Gas equipment in industry and Cogeneration,
- ◆ Hydroelectric energy production, Use of Biomass etc.

- Dates (from – to)
- Name and address of employer
  - Type of business or sector
  - Occupation or position held
- Main activities and responsibilities

**1998-2001**

DIADIKASIA Business Consulting SA  
 Business Consulting  
 Director

- Design, implementation & support of Management Systems (ISO 9000, ISO 14001, HACCP),
- Development of Strategic & Business Plans,
- Re-engineering of organizational structures,
- Re-engineering of business processes and certification.

- Dates (from – to)
- Name and address of employer
- Main activities and responsibilities

**1989-2010**

Consultant Engineer (self – employment)

- Advanced technologies for energy efficiency in buildings,
- Zero Energy Buildings Concepts and Applications,
- Advanced control systems for energy and environmental performance of buildings,
- Design and installation of environmental monitoring networks in buildings and urban environments,
- Energy saving & management systems and energy storage,
- Energy Demonstration & Dissemination Projects,
- Design of Renewable Energy and Energy Conservation Systems,
- Feasibility Studies,
- Energy Management & Design of large scale PV & WIND Parks,
- Economic Scenarios for Energy Planning using RES,
- Techno-economic assessment of RES projects,
- Integration and applications of RES and Sustainable Building,
- Sustainable Energy Systems,
- Development of Sustainable Energy Action Plan, etc

**EDUCATION AND TRAINING**

- Dates (from – to)
- Name and type of organisation providing education and training
- Principal subjects/occupational skills covered
- Title of qualification awarded

**1984-1989**

National Technical University of Athens,  
 School of Electrical and Computer Engineering  
 Post-graduate studies

Diploma

- Dates (from – to)
- Name and type of organisation providing education and training
- Principal subjects/occupational skills covered
- Title of qualification awarded

**1999**

National Technical University of Athens,  
 School of Electrical and Computer Engineering  
 Electrical and Computer Engineering

Ph.D. on Electrical and Computer Engineering

**PERSONAL SKILLS AND COMPETENCES**

*Acquired in the course of life and career but not necessarily covered by formal certificates and diplomas.*

MOTHER TONGUE

**Hellenic**

OTHER LANGUAGES

	English	German	French
• Reading skills	Excellent	Basic	Basic
• Writing skills	Excellent	Basic	Basic
• Verbal skills	Excellent	Basic	Basic

#### ORGANISATIONAL SKILLS AND COMPETENCES

Coordination and administration of people, projects and budgets; at work, in voluntary work (for example culture and sports) and at home, etc.

He has extensive experience in hospital operation (served many years in the board of directors of several hospitals).

#### TECHNICAL SKILLS AND COMPETENCES

With computers, specific kinds of equipment, machinery, etc.

Excellent level of Microsoft Office (Word, Excel, PowerPoint, Access), Microsoft Publisher, Visio, Microsoft Project, AutoCAD, 4M Software (Specialized Software for Electromechanical Installations Calculations), etc

#### ADDITIONAL INFORMATION

Published Papers as Invited Book chapters

1. C.S. Psomopoulos, G. Ch. Ioannidis, S.D. Kaminaris, Chapter 18. "Electricity Production from Small-Scale Photovoltaics in Urban Areas." In *Renewable and Alternative Energy: Concepts, Methodologies, Tools, and Applications*, ed. Information Resources Management Association, 618-656 (2017). doi:10.4018/978-1-5225-1671-2.ch018
2. C.S. Psomopoulos, G.Ch. Ioannidis, S.D. Kaminaris, Chapter 6 Electricity Production from Small-Scale Photovoltaics in Urban Areas, in "Promoting Sustainable Practices through Energy Engineering and Asset Management", IGI Global book series *Advances in Environmental Engineering and Green Technologies (AEEGT)* (ISSN: 2326-9162; eISSN: 2326-9170), Editors Vicente Gonzalez-Prida, Anthony Raman, USA 2015.

Published Papers in Scientific Journal

1. Vasilios A Orfanos, Stavros D Kaminaris, Panagiotis Papageorgas, Dimitrios Piromalis, Dionisis Kandris, "A Comprehensive Review of IoT Networking Technologies for Smart Home Automation Applications", *J. Sens. Actuator Netw.* 2023, 12(2), 30; <https://doi.org/10.3390/jsan12020030>
2. Alexis Kosmidis, Georgios Ioannidis, Georgios Vokas, Stavros Kaminaris, "A Novel Real-Time Robust Controller of a Four-Wheel Independent Steering System for EV Using Neural Networks and Fuzzy Logic", *Mathematics* 2023, 11(21), 4535; <https://doi.org/10.3390/math11214535>
3. Dimitrios Rimpas, Stavros D Kaminaris, Dimitrios D Piromalis, Georgios Vokas, Vasilios A Orfanos, "Impact of Lithium Battery Recycling and Second-Life Application on Minimizing Environmental Waste", *Environ. Sci. Proc.* 2023, 26(1), 41; <https://doi.org/10.3390/envirosci2023026041>
4. Dimitrios Rimpas, Stavros D Kaminaris, Dimitrios D Piromalis, George Vokas, "Real-Time Management for an EV Hybrid Storage System Based on Fuzzy Control", *Mathematics* 2023, 11(21), 4429; <https://doi.org/10.3390/math11214429>
5. Dimitrios Rimpas, Stavros D Kaminaris, Dimitrios D Piromalis, George Vokas, Konstantinos G Arvanitis, Christos-Spyridon Karavas, "Comparative Review of Motor Technologies for Electric Vehicles Powered by a Hybrid Energy Storage System Based on Multi-Criteria Analysis", *Energies* 2023, 16(6), 2555; <https://doi.org/10.3390/en16062555>
6. Dimitris A Barkas, Stavros D Kaminaris, Konstantinos K Kalkanis, George Ch Ioannidis, Constantinos S Psomopoulos, "Condition Assessment of Power Transformers through DGA Measurements Evaluation Using Adaptive Algorithms and Deep Learning", *Energies* 2023, 16(1), 54; <https://doi.org/10.3390/en16010054>
7. Konstantinos Kalkanis, Kyriaki Kiskira, Panagiotis Papageorgas, Stavros D Kaminaris, Dimitrios Piromalis, George Banis, Dimitrios Mpelesis, Athanasios Batagiannis, "Advanced Manufacturing Design of an Emergency Mechanical

- Ventilator via 3D Printing—Effective Crisis Response”, *Sustainability* 2023, 15(4), 2857; <https://doi.org/10.3390/su15042857>
8. Rokani, V., Kaminaris, S. D., Karaisas, P., & Kaminaris, D. (2023). Power Transformer Fault Diagnosis Using Neural Network Optimization Techniques. *Mathematics*, 11(22), 4693
  9. Rokani, V., Karaisas, P., & Kaminaris, S. D. (2023, April). Fault diagnosis of induction motors using artificial intelligence techniques: A systematic review. In *AIP Conference Proceedings* (Vol. 2769, No. 1). AIP Publishing.
  10. Dimitrios K Alexopoulos, Anestis G Anastasiadis, Georgios A Vokas, Stavros D Kaminaris, Constantinos S Psomopoulos, “Assessment of flexibility options in electric power systems based on maturity, environmental impact and barriers using Fuzzy Logic method and Analytic Hierarchy Process”, *Energy Reports* Volume 9, Supplement 9, September 2023, Pages 401-417, <https://doi.org/10.1016/j.egy.2023.05.232>
  11. Ioannis Giachos, Eleni Batzaki, Evangelos C Papakitsos, Stavros Kaminaris, Nikolaos Laskaris, “A Natural Language Generation Algorithm for Greek by Using Hole Semantics and a Systemic Grammatical Formalism”, Volume 5, Issue 4, Pages 27-37, *Journal of Computer Science Research*, DOI: <https://doi.org/10.30564/jcsr.v5i4.6067>
  12. Dimitris A. Barkas, George Ch. Ioannidis, Stavros D. Kaminaris and Constantinos S. Psomopoulos, “Design of a Supraharmonic Monitoring System Based on an FPGA Device” | *Sensors* **2022**, 22(5), 2027; <https://doi.org/10.3390/s22052027> – 04 March 2022
  13. Dimitrios Rimpas, Stavros D Kaminaris, Izzat Aldarraji, Dimitrios Piromalis, Georgios Vokas, Panagiotis G Papageorgas, Georgios Tsaramirsis , “Energy management and storage systems on electric vehicles: A comprehensive review”, *Materials Today: Proceedings* Volume 61, Part 3, 2022, Pages 813-819, <https://doi.org/10.1016/j.matpr.2021.08.352>
  14. Menti, D. Barkas, S. Kaminaris, C.S. Psomopoulos, Supraharmonic emission from a three-phase PV system connected to the LV grid, *Energy Reports*, Elsevier, 2021, accepted for publication. Paper EGYR1927.
  15. D. Alexopoulos, A. Anastasiadis, G. Vokas, S. Kaminaris, C.S. Psomopoulos, A review of flexibility options for high RES penetration in power systems - focusing the Greek case, *Energy Reports*, Elsevier, 2021, accepted for publication. Paper EGYR-D-21-01995.
  16. D Rimpas, SD Kaminaris, I Aldarraji, D Piromalis... “Energy management and storage systems on electric vehicles: A comprehensive review”, *Materials Today: Proceedings* , Elsevier, 2021, DOI: <https://doi.org/10.1016/j.matpr.2021.08>
  17. Manousakis, N.M.; Psomopoulos, C.S.; Ioannidis, G.C.; Kaminaris, S.D. A Binary Integer Programming Method for Optimal Wind Turbines Allocation. *Clean Technol.* 2021, 3, 462-473. <https://doi.org/10.3390/cleantechnol3020027>
  18. V. Rokani and S. Kaminaris, "Power transformers fault diagnosis using AI techniques", *AIP Conference Proceedings*, vol. 2307, no. 1, pp. 020056, 2020. (June 2020). <https://doi.org/10.1063/5.0032820>
  19. Barkas, D.A.; Ioannidis, G.C.; Psomopoulos, C.S.; Kaminaris, S.D.; Vokas, G.A. Brushed DC Motor Drives for Industrial and Automobile Applications with Emphasis on Control Techniques: A Comprehensive Review. *Electronics* 2020, 9(6), 887. <https://doi.org/10.3390/electronics9060887>.
  20. Ioannis Giachos, Dimitrios Piromalis, Michail Papoutsidakis, Stavros Kaminaris, Evangelos C. Papakitsos, “A CONTEMPORARY SURVEY ON INTELLIGENT HUMAN-ROBOT INTERFACES FOCUSED ON NATURAL LANGUAGE PROCESSING”, *INTERNATIONAL JOURNAL OF RESEARCH IN COMPUTER APPLICATIONS AND ROBOTICS*, Vol.8 Issue 7, Pg.: 1-20, July 2020, ISSN 2320-7345
  21. S. Metaxa, K. Kalkanis, C.S. Psomopoulos, S.D. Kaminaris, G. Ioannidis, "A review of structural health monitoring methods for composite materials ", *Procedia Structural Integrity*, Volume 22, 2019, pages 369-375, <https://doi.org/10.1016/j.prostr.2020.01.046>, Elsevier.
  22. K. Kalkanis, C.S. Psomopoulos, S. Kaminaris, G. Ioannidis, P. Pachos, Wind turbine blade composite materials - End of life treatment methods, *Energy Procedia*, 157, 2019, 1136-1143, <https://doi.org/10.1016/j.egypro.2018.11.281> .
  23. Psomopoulos, C.S.; Kalkanis, K.; Kaminaris, S.; Ioannidis, G.C.; Pachos, P. A Review of the Potential for the Recovery of Wind Turbine Blade Waste Materials. *Recycling* 2019, 4, 7
  24. K. Kalkanis, S.D. Kaminaris, C.S. Psomopoulos, G.C. Ioannidis, G. Kanderakis, “Structural Health Monitoring for the Advanced Maintenance of Wind Turbines: A

- review”, INTERNATIONAL JOURNAL OF ENERGY and ENVIRONMENT, Volume 12, 2018, pp 69-79, <http://www.naun.org/main/NAUN/energyenvironment/2018/a202011-010.pdf>
25. C. Charalampopoulos, C.S. Psomopoulos, G.Ch. Ioannidis, S.D. Kaminaris, “Implementing the EcoDesign Directive in distribution transformers: First impacts review”, *AIMS Energy*, 2017, 5(1): 113-124. DOI: 10.3934/energy.2017.1.113
  26. P.I Kokkotis, C.S Psomopoulos, G.Ch Ioannidis, S.D. Kaminaris, “Small Scale Energy Storage Systems. A short Review in their Potential Environmental Impact”, *Fresenius Environmental Bulletin*, Volume 26 : No. 9/2017 pages 5658-5665
  27. C.S. Psomopoulos, D.A. Barkas, S.D. Kaminaris, G.C. Ioannidis, P. Karagiannopoulos “Recycling potential for low voltage and high voltage high rupturing capacity fuse links”. *Waste Management* (2017), 70, pages 204-211, <https://doi.org/10.1016/j.wasman.2017.09.018>
  28. Nikos E. Mastorakis, Stavros Kaminaris. (2017) 2-D FIR and IIR Filters' design: New Methodologies and New General Transformations. *International Journal of Instrumentation and Measurement*, 2, 11-16
  29. T.D.Tsoutsos, S. Tournaki, O. Parailba, S.D. Kaminaris « The Used Cooking Oil -to-biodiesel chain in Europe. Assessment of Best Practices and Environmental Performance», *Renewable and Sustainable Energy Reviews*, ELSEVIER, 2015
  30. T.E. Raptis, G.A. Vokas, P.A. Langouranisc, S.D. Kaminaris «Total Power Quality Index for Electrical Networks Using Neural Networks», *Energy Procedia* 74 ( 2015 ) 1499 – 1507, ELSEVIER, 2015.
  31. Constantinos S. Psomopoulos, George Ch. Ioannidis, Stavros D. Kaminaris, Kostas D. Mardikis, Nikolaos G. Katsikas «A comparative evaluation of photovoltaic electricity production assessment software (PVGIS, PVWatts and RETScreen)», *Int. Journal “Environmental Processes”*, DOI 10.1007/s40710-015-0092-4, Springer International Publishing (2015)
  32. Stavros Dimitrios Kaminaris, George Christos Ioannidis and Constantinos Stavros Psomopoulos “An Evaluation of Standby Losses Effect in Power Demand in Greek Urban Households”, *Journal of Energy and Power Engineering*, Vol.9, 5, May 2015 (serial number 90)
  33. George Ch. Ioannidis, Stavros D. Kaminaris, Constantinos S. Psomopoulos, Spiros Tsiolis, Pavlos Pachos, Iraklis Villiotis, Pantelis Malatestas « DC Motor Drive Applying Conventional and Fuzzy Based PI Control Techniques», *Journal of Applied Research Review*, October 2015, Vol XV-Technology and Sciences, pp. 21-30
  34. S.D. KAMINARIS, T.D. TSOUTSOS, D.AGORIS and A.V. MACHIAS, “Assessing Renewables-to-Electricity Systems : a Fuzzy Expert System Model”, *Energy Policy*, ELSEVIER, 2004.
  35. S.D. KAMINARIS, T.D. TSOUTSOS, D.AGORIS and A.V. MACHIAS, “Reaction System Selection for Biomass-to-Energy Purposes : A Fuzzy Expert System Model”, *WSEAS Recent Advances in Circuits, Systems and Signal Processing*, 2002, pp.84-88.
  36. S.D. KAMINARIS, A.V. MACHIAS, B.C. PAPADIAS, "An intelligent Tool for Distribution Substations Troubleshooting and Maintenance Scheduling", *IEEE Transactions on Power Delivery*, Vol.6, No.3, July 1991.
  37. C.A. PROTOPAPAS, S.D. KAMINARIS, A.V. MACHIAS and B.C. PAPADIAS, "An Expert System for Fault Repairing and Maintenance of Electric Machines", *IEEE Transactions on Energy Conversion*, Vol.5, No.1, March 1990, pp. 79-83

Published Papers in Conferences' Proceedings Reviewed to the Full Paper

1. D Rimpas, SD Kaminaris, D Piromalis, G Vokas, VA Orfanos, “Design and development of a prototype compact monitoring system for lithium-ion batteries”, *AIP Conf. Proc.* 3018, 020021 (2023), <https://doi.org/10.1063/5.0171713>
2. V Rokani, P Karaisas, SD Kaminaris, “Fault diagnosis of induction motors using artificial intelligence techniques: A systematic review”, *AIP Conf. Proc.* 2769, 020063 (2023), <https://doi.org/10.1063/5.0129239>
3. Nikolaos Korakianitis, Antonios Theodorakis, Georgios A Vokas, Georgios Ioannides, Stavros Kaminaris, “A simulation comparison and evaluation of wireless power transfer methods and topologies applicable on static and dynamic wireless electric vehicles charging systems”, *AIP Conf. Proc.* 2769, 020045 (2023), <https://doi.org/10.1063/5.0129397>

4. Dimitrios K Alexopoulos, Anestis G Anastasiadis, Stavros D Kaminaris, Georgios A Vokas, Constantinos S Psomopoulos, "Assessing flexibility options in power systems using Fuzzy Logic and AHP methods", *TMREES22-Fr*, EURACA, 09 to 11 May 2022, <https://doi.org/10.1016/j.egy.2022.07.079>
5. D Rimpas, SD Kaminaris, D Piromalis, G Vokas, P Papageorgas, "Design and implementation of a small-scaled hybrid storage system for optimal sizing in electric vehicles", *TECHNOLOGIES AND MATERIALS FOR RENEWABLE ENERGY, ENVIRONMENT AND SUSTAINABILITY: TMREES22*, 9–11 May 2022
6. Dimitrios A Barkas, Konstantinos Kalkanis, George Ch Ioannidis, Stavros D Kaminaris, Constantinos S Psomopoulos. "Simulated Partial Discharge Harmonic Data generation for Neural Network Training in the Absence of real measurements: A first Approach", 2022 Panhellenic Conference on Electronics & Telecommunications (PACET), **DOI:** 10.1109/PACET56979.2022.9976352
7. D Rimpas, SD Kaminaris, D Piromalis, Georgios Vokas. "A review on electric vehicle hybrid energy storage systems", *AIP Conf. Proc.* 2437, 020091 (2022), Volume 2437, Issue 1, 17 August 2022, <https://doi.org/10.1063/5.0092436>
8. Sophia Metaxa, Konstantinos Kalkanis, Stavros Kaminaris, George Toannidis, Constantinos S Psomopoulos, "Structural repairs in composite material infrastructure components in the energy industry", *AIP Conf. Proc.* 2437, 020192 (2022), <https://doi.org/10.1063/5.0098543>
9. K Kalkanis, P Papageorgas, SD Kaminaris, D Piromalis, G Banis, A Batagiannis, D Mpelesis, "3D printing of an advanced design emergency mechanical ventilator, in response to the COVID 19 pandemic", *AIP Conf. Proc.* 2437, 020111 (2022), <https://doi.org/10.1063/5.0092339>
10. C.S. Psomopoulos, K. Kalkanis, E.D. Chatzistamou, K. Kiskira, G.Ch. Ioannidis, Stavros D. Kaminaris, End of life Treatment of Photovoltaic Panels. Expected Volumes up to 2045 in E.U., *TMREES21*, May, 28 to 30 to 16, 2021, Athens – Greece
11. V. Rokani, S. D. Kaminaris, "Power transformers fault diagnosis using AI techniques", *IP Conference Proceedings* 2307, 020056 (2020); <https://doi.org/10.1063/5.0032820>
12. V.A. Orfanos, S.D. Kaminaris, D. Piromalis, P. Papageorgas, "Smart Home Automation in the IoT Era: A Communication Technologies review", *AIP Conference Proceedings* 2307, 020054 (2020); <https://doi.org/10.1063/5.0032939>
13. D.A. Barkas, C.S. Psomopoulos.1, S.D. Kaminaris, G.Ch. Ioannidis, supraharmonics monitoring system based on an FPGA device, *MedPower 2020*, Cyprus, Paper No42.
14. D.A. Barkas, S.D. Kaminaris, N. Manousakis, A. Moronis, C.S. Psomopoulos, "REVIEW ON SENSORING TECHNIQUES FOR PARTIAL DISCHARGES DETECTION IN POWER TRANSFORMERS", 30th CIGRE Greece National Conference, 2 and 3 of April 2020
15. Dimitrios K. Alexopoulos, A. Anastasiadis, Georgios A. Vokas, Stavros D. Kaminaris, Constantinos S. Psomopoulos, "A review of flexibility options for high RES penetration in power systems - focusing the Greek case", *Energy Reports* 00 (2017) 000–000
16. V. Orfanos, **S.D. Kaminaris**, D. Piromalis, P. Papageorgas, «Trends in Home Automation Systems and Protocols», *AIP Conference Proceedings* 2190, 020049 (2019), <https://doi.org/10.1063/1.5138535>
17. S.A. Petratos, G.Ch. Ioannidis, **S.D. Kaminaris**, G.A. Vokas, Comparative evaluation of a fuzzy logic controller for speed control of DC motor applying different optimization techniques, *AIP Conference Proceedings* 2190, 020058 (2019)
18. Psomopoulos, C. S. Kalkanis, K. Kiskira, S.. Metaxa, **S. Kaminaris**, S.D. Ioannidis, G. Chronis, I. (2019). A review of the environmental impacts following major recent catastrophic incidents in the energy industry. 7th International Conference on Environmental Management, Engineering, Planning and Economics (CEMEPE 2019) and SECOTOX Conference, Mykonos island, Greece.
19. S. Metaxa, K. Kalkanis, C.S. Psomopoulos, **S.D. Kaminaris**, G. Ioannidis, A review of structural health monitoring methods for composite materials, *IRAS19*, 1st International Symposium on Risk Analysis and Safety of Complex Structures and Components, Porto, Portugal, 1-2/7/2019
20. S. Metaxa, K. Kalkanis, C.S. Psomopoulos, **S.D. Kaminaris**, G. Ioannidis, Structural repairs in composite material infrastructure components in the

- energy industry, IRAS19, 1st International Symposium on Risk Analysis and Safety of Complex Structures and Components, Porto, Portugal, 1-2/7/2019
21. K. Kalkanis, C.S. Psomopoulos, **S. Kaminaris**, G. Ioannidis, P. Pachos, "Wind turbine blade composite materials - End of life treatment methods", Technologies and Materials for Renewable Energy, Environment and Sustainability, TMREES18, 19–21 September 2018, Athens, Greece, paper No 190.
  22. Claudio Guarnaccia, Carmine Tepedino, Nikos E. Mastorakis, **Stavros D. Kaminaris**, Joseph Quartieri, «Prediction of Airport Acoustical Noise by Deterministic Decomposition and Seasonal ARIMA Techniques», Pages 69-75, APSAC 2017, International Conference on Applied Physics, System Science and Computers
  23. Claudio Guarnaccia, Nikos E. Mastorakis, Joseph Quartieri, Carmine Tepedino and **Stavros D. Kaminaris**, «Development of Seasonal ARIMA Models for Traffic Noise Forecasting», 21st International Conference on Circuits, Systems, Communications and Computers (CSCC 2017), Agia Pelagia Beach, Crete Island, Greece, July 14-17, 2017
  24. Xiaodong Zhuang, Nikos E. Mastorakis, **Stavros D. Kaminaris**, Jieru Chi, and Hanping Wang, «Image Analysis by Discrete Relative Vector Field», 2017 Fourth International Conference on Mathematics and Computers in Sciences and in Industry MCSI 2017
  25. Aristidis Tsiolikas, Dimitrios Tsiamitros, Konstantinos Kitsakis, John Kechagias, Nikos Mastorakis, and **Stavros D. Kaminaris**, «Optimization of Neural Network Parameters Using Taguchi Robust Design: Application in Plasma Arc Cutting Process», International Conference on Mathematics and Computers in Sciences and in Industry MCSI 2017
  26. Saurav Goswami, Aradhana Misra, Kandarpa Kumar Sarma, Nikos Mastorakis, and **Stavros D. Kaminaris**, «TDM-Energy Detection Based Dynamic Spectrum Sensing and Assignment», International Conference on Mathematics and Computers in Sciences and in Industry MCSI 2017
  27. Guiqi Sun, Zhenyan Fan, Nikos E. Mastorakis, **Stavros D. Kaminaris**, and Xiaodong Zhuang, «The Complexity Analysis of Voiced and Unvoiced Speech Signal Based on Sample Entropy», International Conference on Mathematics and Computers in Sciences and in Industry MCSI 2017
  28. C. S. Psomopoulos, **S.D. Kaminaris**, G.Ch. Ioannidis, N.J. Themelis, «Contribution of WtE Plants in Eu's Targets for Renewables. A Review Until 2014», 5th International Conference on Sustainable Solid Waste Management, Athens, 21–24 June 2017, pp 1-8
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