

CURRICULUM VITAE

Vassiliki T. Kontargyri

Dr Electrical and Computer Engineer

Assistant Professor

Athens, April 2024

1. PERSONAL DATA

First name: Vassiliki
Last name: Kontargyri
Father name: Theodoros
Marital status: Married
Date of birth: 24 July 1978
E-mail: vkont@uniwa.gr

2. DEGREES

2023 Post-doctoral research, University of West Attica, Greece
Post-Doc Thesis: “Contribution to the study of high voltage direct current (HVDC) power systems for long interconnections with emphasis on the optimal configuration of the grounding electrode system”

2007 PhD of Electrical and Computer Engineering, National Technical University of Athens Greece
PhD Thesis: “Contribution to The Study of the Electric Behavior of Polluted Insulators”, (Excellent)

2002 School of Electrical & Computer Engineering, National Technical University of Athens (8.58 / 10)
Diploma Thesis: “Circuitual Solving of Grounding Systems”, (10 / 10)

1996 General High School (19.5 / 20)

4. TEACHING EXPERIENCE

2024 – today Assistant Professor, Department of Electrical and Electronic Engineering, University of West Attica

2014 – 2024 Laboratory Teaching Staff, School of Electrical & Computer Engineering, National Technical University of Athens

2002 – 2014 Teacher of laboratory lessons in the High Voltage Laboratory of the National Technical University of Athens

2002 – 2016 Teacher of theoretical and laboratory lessons in the Faculty of Technological Applications of the Technological Education Institute of Athens

2003 – 2008 Teaching assistant at the Hellenic Naval Academy

3. PROFESSIONAL EXPERIENCE

04.2002 – 03.2024 Electrical Engineer in the High Voltage Laboratory of the National Technical University of Athens

03.2002 – today Participation in research programs

07.2000 – 09.2000 Student practice at the Public Power Corporation SA (Department of Distribution of Low Voltage)

12. PUBLICATIONS

A. PhD Thesis

- A1. **Vassiliki T. Kontargyri**: “Contribution to the study of the electric behavior of polluted insulators”. PhD Thesis, NTUA, Athens, December 2007 (in Greek).
- A2. **Vassiliki T. Kontargyri**: “Contribution to the study of high voltage direct current (HVDC) power systems for long interconnections with emphasis on the optimal configuration of the grounding electrode system”. Post-Doc Thesis, University of West Attica, Athens, June 2023 (in Greek).

B. Books

- B1. Proceedings of the European Computing Conference, Volume 1, Springer Verlag, Series: Lecture Notes in Electrical Engineering, Vol. 27, Mastorakis Nikos; Mladenov Valeri; **Kontargyri Vassiliki T.** (Eds.), 2009, ISBN: 978-0-387-84813-6.
- B2. Proceedings of the European Computing Conference, Volume 2, Springer Verlag, Series: Lecture Notes in Electrical Engineering, Vol. 28, Mastorakis Nikos; Mladenov Valeri; **Kontargyri Vassiliki T.** (Eds.), 2009, ISBN: 978-0-387-84818-1.

C. Publication in Collections

- C1. Gonos I.F., Ilia N.C., **Kontargyri V.T.**, Stathopoulos I.A.: “Application of a genetic algorithm for calculating the capacitances on an insulator string”, Computational Methods in Circuits and Systems Applications, World Scientific and Engineering Society, pp. 333-337, 2003.

D. Publications in Journals

- D1. **Kontargyri V.T.**, Gonos I.F., Ilia N.C., Stathopoulos I.A.: “Simulation of the electric field on composite insulators using the finite elements method”, WSEAS Transactions on Circuits and Systems, Issue 5, Vol. 3, July 2004, pp. 1318-1322.
- D2. Gialketsi A.A., **Kontargyri V.T.**, Gonos I.F., Stathopoulos I.A.: “Estimation of the flashover voltage on insulators using Artificial Neural Networks”, WSEAS Transactions on Circuits and Systems, Issue 5, Vol. 4, May 2005, pp. 514-518.
- D3. Ekonomou L., **Kontargyri V.T.**, Kourtesi St., Maris T.I., Stathopoulos I.A.: “Artificial Neural Networks in High Voltage Transmission Line Problems”, Institute of Physics Publishing, Measurement, Science and Technology, Vol. 18, No. 7, July 2007, pp. 2239-2244.
- D4. **Kontargyri V.T.**, Gialketsi A.A., Tsekouras G.J., Gonos I.F., Stathopoulos I.A.: “Design of an Artificial Neural Network for the estimation of the flashover voltage on insulators”, Elsevier Electric Power Systems Research, Vol. 77, Issue 12, October 2007, pp. 1532-1540.
- D5. **Kontargyri V.T.**, Plati L.N., Gonos I.F., Stathopoulos I.A.: “Measurement and simulation of the voltage distribution and the electric field on a glass insulator string”, Measurement, Elsevier, Vol. 41, Issue 5, June 2008, pp. 471-480.
- D6. Tsekouras G.J., Kanellos F.D., **Kontargyri V.T.**, Karanasiou I.S., Salis A.D., Mastorakis N.E.: “A new classification pattern recognition methodology for power system typical load profiles”, WSEAS Transactions on Circuits and Systems, Vol. 7, Issue 12, December 2008, pp. 1090-1104.
- D7. Asimakopoulou G.E., **Kontargyri V.T.**, Tsekouras G.J., Asimakopoulou F.E., Gonos I.F., Stathopoulos I.A.: “Artificial neural network optimisation methodology for the estimation of the

critical flashover voltage on insulators”, IET Science, Measurement & Technology, Vol. 3, Issue 1, January 2009, pp. 90-104.

- D8. **Kontargyri V.T.**, Gonos I.F., Stathopoulos I.A.: “Measurement and simulation of the electric field of high voltage suspension insulators”, European Transactions on Electrical Power, Wiley, Vol. 19, Issue 3, April 2009, pp. 509-517.
- D9. Asimakopoulou G.E., **Kontargyri V.T.**, Tsekouras G.J, Elias Ch.N., Asimakopoulou F.E., Stathopoulos I.A.: “A fuzzy logic optimization methodology for the estimation of the critical flashover voltage on insulators”, Elsevier Electric Power Systems Research, Vol. 81, Issue 2, February 2011, pp. 580-588.
- D10. Christodoulou C.A., Spanias C.A., **Kontargyri V.T.**, Gonos I.F., Stathopoulos I.A.: “Study of the electric field around a metal oxide surge arrester: Measurement and simulation”, Gaodianya Jishu/High Voltage Engineering, Volume 39, Issue 8, August 2013, pp. 2014-2021.
- D11. **Kontargyri V.T.**, Gonos I.F., Stathopoulos I.A.: “Study on wind farm grounding system”, IEEE Transactions on Industry Applications, Vol. 51, Issue 6, pp. 4969-4977, November/December 2015.
- D12. Asimakopoulou F.E., **Kontargyri V.T.**, Tsekouras G.J., Gonos I.F.: Stathopoulos I.A., “Estimation of the Earth Resistance by Artificial Neural Network Model”, IEEE Transactions on Industry Applications, Vol. 51, Issue 6, pp. 5149-5158, November/December 2015.
- D13. Kokalis C.-C.A., Tasakos T., **Kontargyri V.T.**, Siolas G., Gonos I.F.: «Hydrophobicity classification of composite insulators based on convolutional neural networks», Engineering Applications of Artificial Intelligence, Vol. 91, art. no. 103613, May 2020.
- D14. Doulos L.T., Tsangrassoulis A., Madias E.-N., Niavis S., Kontadakis A., Kontaxis P.A., **Kontargyri V.T.**, Skalkou K., Topalis F., Manolis E., Sinou M., Zerefos S.: Examining the impact of daylighting and the corresponding lighting controls to the users of office buildings, Energies, 13 (15), art. no. 4024, 2020.
- D15. Deligianni P.M., Tsekouras G.J., Tsirekis C.D., **Kontargyri V.T.**, Kanellos F.D., Kontaxis P.A.: Techno-economic optimization analysis of an autonomous photovoltaic power system for a shoreline electrode station of HVDC link: Case study of an electrode station on the small Island of stachtoroi for the attica-crete interconnection, Energies, 13 (21), art. no. 5550, 2020.
- D16. Kokalis C.-C.A., **Kontargyri V.T.**, Gonos I.F.: “A Proposal for the Evaluation of HTV Silicone Rubber Composite Insulators”, Polymers, 13 (21), art. no. 3610, October 2021.
- D17. Tsekouras G.J., Deligianni P.M., Kanellos F.D., **Kontargyri V.T.**, Kontaxis P.A., Manousakis N.M., Elias Ch.N.: “Microbial Fuel Cell for Wastewater Treatment as Power Plant in Smart Grids: Utopia or Reality?”, Frontiers in Energy Research, Vol. 1014, art. no. 843768, April 2022.
- D18. Tsekouras G.J., **Kontargyri V.T.**, Prousalidis J.M., Kanellos F.D., Tsirekis C.D., Leontaritis K., Alexandris J.C., Deligianni P.M., Kontaxis P.A., Moronis A.X.: “Alternative Simplified Analytical Models for the Electric Field, in Shoreline Pond Electrode Preliminary Design, in the Case of HVDC Transmission Systems”, Energies, 15(17), art. no. 6493, 2022.
- D19. **Kontargyri V.T.**, Tsekouras G.J., Prousalidis J.M., Tsirekis C.D., Leontaritis K., Alexandris J.C., Kanellos F.D., Deligianni P.M., Kontaxis P.A., Moronis A.X.: “Comparison of Different Configurations for Shoreline Pond Electrode Station for HVDC Transmission Systems—Part I: Electric Field Study for Frames of Linear Electrode Arrangement Based on a Simplified Analytical Model”, Applied Sciences, 13(12), art. no. 7136, 2023.

E. Publications in Conferences Proceedings (with review in full paper)

- E1. Gonos I.F., Ilia N.C., **Kontargyri V.T.**, Stathopoulos I.A.: “Application of a Genetic Algorithm for Calculating the Capacitances on an Insulator String”, Proceedings of the 7th WSEAS World Multiconference on Circuits, Systems Communications and Computers» (CSCC 2003), Corfu, Greece, July 7 - 10, 2003 (paper 457-468).
- E2. Gonos I.F., **Kontargyri V.T.**, Topalis F.V., Stathopoulos I.A.: “Transient behaviour of a horizontal grounding electrode under impulse current”, Proceedings of the 13th International Symposium on High-Voltage Engineering (ISH 2003), P.05 - Transients and EMC, Delft, The Netherland, August 25-29, 2003, (P.05.45).
- E3. Fotis G.P., **Kontargyri V.T.**, Gonos I.F., Stathopoulos I.A.: “Selection of the optimal insulator type for a new overhead transmission line, using the method of the Multicriterial Decision Making”, Proceedings of the 38th International Universities Power Engineering Conference (UPEC 2003), Thessaloniki, Greece, September 1-3, 2003, pp. 101-104.
- E4. **Kontargyri V.T.**, Gonos I.F., Stathopoulos I.A., Michaelidis A.M.: “Calculation of the electric field on an insulator using the Finite Elements Method”, Proceedings of the 38th International Universities Power Engineering Conference (UPEC 2003), Thessaloniki, Greece, September 1-3, 2003, pp. 65-68.
- E5. **Kontargyri V.T.**, Gonos I.F., Ilia N.C., Stathopoulos I.A.: “Simulation of the Electric Field on Composite Insulators Using the Finite Elements Method”, Proceedings of the 8th WSEAS World Multiconference on Circuits, Systems Communications and Computers» (CSCC 2004), Athens, Greece, July 12 - 15, 2004 (paper 487-726).
- E6. Gialketsi A.A., **Kontargyri V.T.**, Gonos I.F., Stathopoulos I.A.: “Estimation of the Flashover Voltage on Insulators using Artificial Neural Networks”, Proceedings of the 9th WSEAS World Multiconference on Circuits, Systems Communications and Computers» (CSCC 2005), Athens, Greece, July 11 - 13, 2005 (paper 497-083).
- E7. **Kontargyri V.T.**, Gonos I.F., Stathopoulos I.A.: “Frequency response of grounding systems for wind turbine generators”, Proceedings of the 14th International Symposium on High-Voltage Engineering (ISH 2005), Beijing, China, August 25-29, 2005.
- E8. **Kontargyri V.T.**, Gonos I.F., Stathopoulos I.A., Michaelides A.M.: “Simulation of the electric field on high voltage insulators using finite element method”, Proceedings of the 12th Biennial IEEE Conference on Electromagnetic Field Computation (CEFC 2006), Miami, Florida, USA, April 30 – May 3, 2006.
- E9. **Kontargyri V.T.**, Gonos I.F., Stathopoulos I.A., Michaelides A.M.: “Measurement and verification of the voltage distribution on high voltage insulators”, Proceedings of the 12th Biennial IEEE Conference on Electromagnetic Field Computation (CEFC 2006), Miami, Florida, USA, April 30 – May 3, 2006.
- E10. Kaminaris S.D., Moronis A.X., Kolliopoulos N.I., Sakarellos A.P., **Kontargyri V.T.**, Kampanaros S.D., Gonos I.F.: “PTME – a new expert system application for Power Transformer Troubleshooting and Maintenance”, Proceedings of the 6th WSEAS International Conference on Artificial Intelligence, Knowledge Engineering and Data Bases (AIKED '07), Corfu Island, Greece, February 16-19, 2007, pp. 52-57.
- E11. **Kontargyri V.T.**, Tsirekis C., Kampanaros S.D., Sakarellos A.P., Moronis A.X., Kolliopoulos N.I., Kaminaris S.D.: “An Expert System for Fault Diagnosis, Repairing and Maintenance of Electrical Machines”, Proceedings of the 6th WSEAS International Conference on Applications of Electrical Engineering (AEE '07), Istanbul, Turkey, May 27-29, 2007, pp. 166-171.

- E12. **Kontargyri V.T.**, Plati L.N., Gonos I.F., Stathopoulos I.A., Michaelides A.M.: “Measurement and simulation of the voltage distribution on an insulator string”, Proceedings of the 15th International Symposium on High-Voltage Engineering (ISH 2007), Ljubljana, Slovenia, August 27-31, 2007, (T1-272).
- E13. Gonos I.F., **Kontargyri V.T.**, Stathopoulos I.A. Moronis A.X., Sakarellos A.P., Kolliopoulos. N.I.: “Determination of two layer earth structure parameters”, Proceedings of the XVII International Conference on Electromagnetic Disturbances (EMD 2007), Bialystok, Poland, September 19-21, 2007, pp. 10.1-1 to 10.1-6.
- E14. **Kontargyri V.T.**, Tsekouras G.J., Gialketsi A.A., Kontaxis P.A.: “Comparison between artificial neural networks algorithms for the estimation of the flashover voltage on insulators”, Proceedings of the 9th WSEAS International Conference on Neural Networks (NN '08), Sofia, Bulgaria, May 2-4, 2008, pp. 225-230.
- E15. Asimakopoulou F.E., **Kontargyri V.T.**, Gonos I.F., Stathopoulos I.A.: “Potential distribution on the surface of multi-layer earth structure”, Proceedings of the 13th Biennial IEEE Conference on Electromagnetic Field Computation (CEFC 2008), Athens, Greece, May 11-15, 2008.
- E16. Tsekouras G.J., Kanellos F.D., **Kontargyri V.T.**, Karanasiou I.S., Salis A.D., Mastorakis N.E.: “Power system load profiles using a pattern recognition methodology”, Proceedings of the 12th WSEAS International Conference on Circuits (12th WSEAS CSCC Multiconference), Heraklion, Crete Island, Greece, July 22-25, 2008, pp. 25-31.
- E17. Tsekouras G.J., Anastasopoulos C.A., **Kontargyri V.T.**, Kanellos F.D., Karanasiou I.S., Salis A.D., Mastorakis N.E.: “A demand side management program of vanadium redox energy storage system for an interconnected power system”, Proceedings of the 2nd WSEAS/IASME International Conference on Energy Planning, Energy Saving, Environmental Education (EPESE'08), Corfu Island, Greece, October 26-28, 2008, pp. 94-100.
- E18. Tsekouras G.J., Kanellos F.D., **Kontargyri V.T.**, Tsirekis C.D., Karanasiou I.S., Elias Ch.N., Salis A.D., Mastorakis N.E.: “A comparison of Artificial Neural Networks algorithms for short term load forecasting in Greek intercontinental power system”, Proceedings of the WSEAS International Conference on Circuits, Systems, Electronics, Control & Signal (CSECS '08), Puerto De La Cruz, Canary Islands, Spain, December 15-17, 2008, pp 108-115.
- E19. Tsekouras G.J., Kanellos F.D., **Kontargyri V.T.**, Tsirekis C.D., Karanasiou I.S., Elias Ch.N., Salis A.D., Kontaxis P.A., Mastorakis N.E.: “Short Term Load Forecasting in Greek Intercontinental Power System using ANNs: a Study for Input Variables”, 10th WSEAS International Conference on Neural Networks, (NN '09), Prague, Czech Republic, March 23-25, 2009, pp. 75-81.
- E20. Tsekouras G.J., Mastorakis N.E., Kanellos F.D., **Kontargyri V.T.**, Tsirekis C.D., Karanasiou I.S., Elias Ch.N., Salis A.D., Kontaxis P.A., Gialketsi A.A.: “Short term load forecasting in Greek interconnected power system using ANN: Confidence Interval using a novel re-sampling technique with corrective Factor”, WSEAS International Conference on Circuits, Systems, Electronics, Control & Signal Processing, (CSECS '10), Vouliagmeni, Athens, Greece, December 29-31, 2010, pp. 166 – 172.
- E21. Asimakopoulou F.E., Kourni E.A., **Kontargyri V.T.**, Tsekouras G.J., Stathopoulos I.A.: “Artificial neural network methodology for the estimation of ground resistance”, Proceedings of the 15th WSEAS International Conference on Systems (15th WSEAS CSCC Multiconference), Corfu Island, Greece, July 14-17, 2011, pp. 453-458.
- E22. Tsekouras G.J., Kanellos F.D., Elias Ch.N., **Kontargyri V.T.**, Tsirekis C.D., Karanasiou I.S., Salis A.D., Kontaxis P.A., Gialketsi A.A., Mastorakis N.E.: “Short term load forecasting in greek interconnected power system using ANN: a study for output variables”, Proceedings of the 15th

WSEAS International Conference on Systems (15th WSEAS CSCC Multiconference), Corfu Island, Greece, July 14-17, 2011, pp. 440-445.

- E23. Nicolopoulou E.P., Gralista E.N., **Kontargyri V.T.**, Gonos I.F., Stathopoulos I.A.: “Electric field and voltage distribution around composite insulators”, Proceedings of the 17th International Symposium on High-Voltage Engineering (ISH 2011), Hannover, Germany, August 22-26, 2011.
- E24. Nicolopoulou E.P., **Kontargyri V.T.**, Gonos I.F., Tsekouras G.J., Pyrgioti E. C., Stathopoulos I.A.: “Experimental application of the similarity theory on scaled strip electrode configurations for the calculation of the grounding impedance”, Proceedings of the 18th International Symposium on High-Voltage Engineering (ISH 2013), Hanyang University, Seoul, Korea, August 25-30, 2013.
- E25. Spathis D., Nikolopoulou E.P., Dallas S., Prousalidis J., Kladas A., Tatakis E., Pallis I., Beniakar M., Kanellos F., Sarigiannidis A., Gonos I.F., **Kontargyri V.T.**, Tsekouras G.J., Kourmpelis T., Korn M.: “Analysis of various power quality phenomena in a highly electrified vessel”, Proceedings of the 2015 IEEE Electric Ship Technologies Symposium (ESTS 2015), Alexandria, Virginia USA, June 21-24, 2015, pp. 420 - 426.
- E26. Christodoulou C.A., **Kontargyri V.T.**, Damianaki K., Kyritsis A., Gonos I.F., Papanikolaou N.: “Lightning Performance Study for Photovoltaic Systems”, Proceedings of the 19th International Symposium on High-Voltage Engineering (ISH 2015), Pilsen, Czech Republic, August 23-28, 2015, paper 365.
- E27. Nicolopoulou E.P., **Kontargyri V.T.**, Gonos I.F., Stathopoulos I.A.: “Experimental Evaluation of Lightning Protection Zone Formulas through Impulse Voltage Tests on a Scaled Down Ship Model”, Proceedings of the 19th International Symposium on High-Voltage Engineering (ISH 2015), Pilsen, Czech Republic, August 23-28, 2015, paper 422.
- E28. Christodoulou C.A., Damianaki K.D., **Kontargyri V.T.**, Gonos I.F., Kyritsis A.C., Papanikolaou N.P.: “Protection of 100kWp photovoltaic system against atmospheric overvoltages: a case study”, Proceedings of the 2016 International Conference on High-Voltage Engineering and Application (ICHVE 2016), Chengdu, China, September 19-22, 2016, paper P-1-27.
- E29. Kokalis C.-C.A., Tasakos T., **Kontargyri V.T.**, Siolas G., Gonos I.F., Christodoulou C.A., Papailiou K.O.: “Hydrophobicity Classification of Composite Insulators Using Convolutional Neural Networks”, Proceedings of the 2020 IEEE International Conference on High Voltage Engineering and Application (CIGRE 2020), Virtual, Paris, France, August 24 - September 3, 2020, paper B2-119.
- E30. Kokalis C.-C.A., **Kontargyri V.T.**, Tasakos T., Gonos I.F.: “Quality Tests on Field Aged Composite Insulators of Hellenic Electricity Distribution Network”, Proceedings of the 2020 IEEE International Conference on High Voltage Engineering and Application (ICHVE 2020), Virtual, Beijing, China, September 6-10, 2020.
- E31. Kokalis C.-C.A., Giasafakis C.D., **Kontargyri V.T.**, Gonos I.F.: “Hydrophobicity and density measurements on new and field aged medium voltage composite insulators”, Proceedings of the 22th International Symposium on High-Voltage Engineering (ISH 2021), Hybrid Online/Offline Symposium, Xi’an, China, November 21-25, 2021, paper 1058.
- E32. Fotopoulou M., Tsekouras G., **Kontargyri V.**, Rakopoulos D.: “Optimal combination of photovoltaic systems and wind generators in the power network”, 8th International Conference on Mathematics and Computers in Sciences and Industry (MCSI), Athens, Greece, 2023, pp. 150-154.

F. Publications in Conferences Proceedings (with review in abstract)

- F1. **Kontargyri V.T.**, Gonos I.F., Stathopoulos I.A., Topalis F.V.: “Transient behaviour of a horizontal grounding grid under impulse current”, Proceedings of the 3rd Mediterranean Conference on Power Generation, Transmission and Distribution and Energy Conversion (MEDPOWER 2002), Session T9: Grounding analysis and measurements, Athens, November 4-6, 2002.
- F2. Gonos I.F., **Kontargyri V.T.**, Stathopoulos I.A., Michaelides A. M., Riley C.P.: “Field solution of electromagnetic problems using the finite element method”, Greek National Committee CIGRE, Athens, November 27-28, 2003, Session B4, pp. 87-94 (in Greek).
- F3. **Kontargyri V.T.**, Gonos I.F., Ilia N.C., Stathopoulos I.A.: “Electric field and voltage distribution along insulators under pollution conditions”, Proceedings of the 4th Mediterranean IEE Conference and Exhibition on Power Generation, Transmission, Distribution and Energy Conversion (Med Power 2004), Lemesos, Cyprus, November 15-17, 2004.
- F4. Gonos I.F., **Kontargyri V.T.**, Fotis G.P., Stathopoulos I.A., Manos G.A.: “Design, analysis and measurement of windfarms’ grounding systems”, Greek National Committee CIGRE, Athens, December 15-16, 2005, Session D5, pp. 201-208 (in Greek).
- F5. Gonos I.F., Kontargyri V.T., Stathopoulos I.A., Kontaxis P.A., Moronis A.X.: “Variation of multilayer structure of the soil during the year”, Greek National Committee CIGRE, Athens, December 15-16, 2005, Session D6, pp. 209-216 (in Greek).
- F6. Asimakopoulou F.E., **Kontargyri V.T.**, Gonos I.F., Stathopoulos I.A.: «Influence of the Earth Structure to the Potential Distribution around a Driven Rod», 6th Mediterranean Conference on Power Generation, Transmission and Distribution (MEDPOWER '08), Thessaloniki, Greece, November 2 – 5, 2008. (Session W8 Earthing, Med08/122).
- F7. Gonos I.F., **Kontargyri V.T.**, Stathopoulos I.A., Manos G.A.: “Design, analysis and measurement of high voltage substation grounding system”, Greek National Committee CIGRE, Athens, December 3-4, 2009, Session C: Design and measurements of Electric Energy Systems: C1 (in Greek).
- F8. Asimakopoulou F.E., **Kontargyri V.T.**, Gonos I.F., Stathopoulos I.A.: “Transient Behavior of Grounding Systems Embedded in Different Earth Structures”, Proceedings of the 7th Mediterranean IEE Conference and Exhibition on Power Generation, Transmission, Distribution and Energy Conversion (Med Power 2010), Agia Napa, Cyprus, November 7-10, 2010.
- F9. Nicolopoulou E.P., **Kontargyri V.T.**, Gonos I.F., Tsekouras G.J., Pyrgioti E.C., Stathopoulos I.A., Prpusalidis J.M.: “Investigating the protection of ship electric grids against lightning strikes – The DEFKALION-THALIS project”, 3rd – 4th MARINELIVE workshop on “All-Electric Ship”, Athens, Greece, November 21-23 2012.
- F10. Nicolopoulou E.P., **Kontargyri V.T.**, Gonos I.F., Tsekouras G.J., Pyrgioti E.C., Stathopoulos I.A.: “Lightning strikes on ships: an initial application of the similarity theory through scaled experiments”, 2nd MARINELIVE conference on “All-Electric Ship”, February 12-13, 2014, Athens, Greece.
- F11. Gonos I.F., **Kontargyri V.T.**, Stathopoulos I.A.: “Wind turbines grounding systems”, Greek National Committee CIGRE, Athens, December 9-10, 2015, Session D: Renewable energy sources, D2 (in Greek).
- F12. Christodoulou C.A., Damianaki K.D., **Kontargyri V.T.**, Kyritsis A.C., Gonos I.F., Papanikolaou N.P.: “Lightning protection of photovoltaic systems”, Greek National Committee CIGRE, Athens, December 9-10, 2015, Session D: Renewable energy sources, D5 (in Greek).

- F13. Papastamatis P.C., Nicolopoulou E.P., Iliá N.C., **Kontargyri V.T.**, Gonos I.F., Stathopoulos I.A.: “Uncertainty calculation in electromagnetic immunity tests”, 6th National Conference of Metrology, Athens, May 13-14, 2016, Session: Electrical measurements (in Greek).
- F14. Kokalis C.-C.A., **Kontargyri V.T.**, S, Gonos I.F., Papailiou K., Anagnostou A., Champakis M.: «Intensified quality assurance tests on medium voltage composite insulators», 30th Σύνοδος Ε.Ε. CIGRE “e-session 2020”, Virtual Athens, 26 November 2020, Session C: Distribution Network, C4.
- F15. Κοκάλης Χ.-Χ., **Κονταργύρη Β.Θ.**, Γκόνοσ Ι.Φ.: «Δοκιμές και μετρήσεις για την αξιολόγηση συνθετικών μονωτήρων», 8ο Τακτικό Εθνικό Συνέδριο Μετρολογίας, Θεσσαλονίκη 1-2 Ιουλίου 2022, Εργασία με ID: 24, Ενότητα: Ηλεκτρικές Μετρήσεις.

G. Publications in Greek Journals

- G1. Gonos I.F., **Kontargyri V.T.**, Stathopoulos I.A., Manos G.A.: “Design, analysis and measurement of windfarms’ grounding systems”, Technical Inspection, Vol. 172, September 2006, pp. 24-29 (in Greek).
- G2. **Kontargyri V.T.**: “Study of the electric behavior of polluted insulators”, Technical annals, Bimonthly electronic publication, Technical Chamber of Greece (T.E.E.), Issue 6, November-December 2007 (in Greek).
- G3. Gonos I.F., **Kontargyri V.T.**, Stathopoulos I.A., Manos G.A.: “High voltage substation grounding systems”, Technical Inspection, Vol. 216, May 2010, pp. 38-44 (in Greek).
- G4. **Kontargyri V.T.**, Gonos I.F., Stathopoulos I.A.: “Wind turbines grounding systems”, Technical Inspection, Vol. 271, August 2016, pp. 14-19 (in Greek).
- G5. **Kontargyri V.T.**, Christodoulou C.A., Gonos I.F.: “Lightning protection of buildings”, Building, Vol. 4, April 2023, pp. 77-84 (in Greek).