

## CURRICULUM VITAE

**Dr. Sofia Kalogeropoulou**

**ADDRESS:** University of West Attica  
Faculty of Engineering  
Department of Electrical & Electronics Engineering  
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### PERSONAL

Date of Birth : 12/1/1961, in Athens, Greece  
Marital status : Married with two children  
Nationality : Hellenic

### CURRENT POSITION

**Professor**, Department of Electrical & Electronics Engineering, Faculty of Engineering, University of West Attica.

### EDUCATION

- 09/84-12/89 Ph.D. in Chemical Engineering**, December 1989  
School of Chemical Engineering, National Technical University of Athens  
Dissertation: *"Study of the mechanism of the electrochemical reduction of aluminium from chloride or chlorofluoride molten salts at 450°C"*; Advisor: Prof. J. Chryssoulakis
- 09/78-03/84 Diploma in Chemical Engineering**, March 1984  
School of Chemical Engineering, National Technical University of Athens  
Diploma Thesis: *"Study of the mechanism of the electrochemical reduction of aluminium from chlorofluoride molten salts at 450°C"*; Advisor : Prof. J. Chryssoulakis

### SCIENTIFIC FIELDS OF SPECIALISATION

- **Electrochemistry**: Modern electrochemical techniques for the study of electrochemical reactions, electrodeposition, electrochemical corrosion, electrochemical analytical methods.
- **Physicochemistry of interfaces** (metal/ceramic composite materials, intergranular corrosion of metals by molten metals).

## **PROFESSIONAL EXPERIENCE**

- 10/2018-today**     **Professor**, Department of Electrical & Electronics Engineering, Faculty of Engineering, University of West Attica  
- Teaching of the courses: “Electrotechnical materials”, “Energy storage”  
- MSc Program “Management and Optimization of Energy Systems”, Course “Ecodesign of Energy Related Systems”
- 09/2013-10/2018**     **Professor**, Department of Electrical Engineering, School of Engineering, Piraeus University of Applied Sciences (T.E.I. of Piraeus)  
- Responsible of the courses:  
    “Materials Technology”, Dept. of Electrical Engineering  
    “Electrochemistry”, Dept. of Electrical Engineering  
- MSc Program “Management and Optimization of Energy Systems”, part of the course “Ecodesign of Energy Related Systems” (2015-2018)
- 06/94-8/2013**     **Professor**, Department of Physics, Chemistry and Materials Technology, School of Engineering, Piraeus University of Applied Sciences (T.E.I. of Piraeus)  
Responsible of the courses:  
- “Materials Technology”, Dept. of Electrical Engineering  
- “Electrochemistry”, Dept. of Electrical Engineering
- 10/97-9/98**     **Research Associate (sabbatical year)**, Laboratoire de Thermodynamique et Physicochimie Metallurgiques, École Nationale Supérieure d’Electrochimie et d’Electrometallurgie, Institut National Polytechnique de Grenoble, France, Project: “Study of the intergranular penetration in liquid metals/solid metals systems”
- 1993-1994**     **Adjunct Professor**, Department of Physics Chemistry and Materials Technology, School of Engineering, Technological Educational Institute of Piraeus (T.E.I. of Piraeus)  
Lectures, preparation and supervision of laboratory experiments and grading of reports for the courses:  
- “Materials Technology”, Dept. of Electrical Engineering  
- “Electrochemistry”, Dept. of Electrical Engineering  
- “Materials Technology”, Dept. of Mechanical Engineering
- 1993-1994**     **Adjunct Professor**, Department of Conservation of Antiquities and Works of Art, Faculty of Fine Arts and Design, Technological Educational Institute of Athens (T.E.I. of Athens). Lectures, preparation and supervision of laboratory experiments and grading of reports for the courses:  
- “Metal artifacts conservation”  
- “Special topics in chemistry”
- 7/1991-10/1993**     **Post-Doctoral Fellow (TMR scholarship)**, Laboratoire de Thermodynamique et Physicochimie Metallurgiques, Ecole Nationale Supérieure d’Electrochimie et d’Electrometallurgie, Institut National Polytechnique de Grenoble.  
Research program BRITE/EURAM-913002: “Metal Matrix Composites: Physicochemical properties of Al/Carbon interfaces”.

- 4/1986-4/1990**      **Research Associate (main researcher)**, Department of Chemical Engineering, Section (III): Materials Science and Technology, National Technical University of Athens Research program BRITE No P-1149-1-85 : “Study of the electrochemical deposition of aluminium and silicon on iron steels”  
Collaboration of:
- Université de Mons, Belgique
  - Trempe Superficielle S.A., Nivelles, Belgique
  - Ecole National des Mines de St Etienne, France
  - Centre de Recherches de l’ Industrie Belge de la Ceramique, Belgique
- 1986-1990**      **Adjunct Lecturer**, Department of Conservation of Antiquities and Works of Art , Faculty of Fine Arts and Design, Technological Educational Institute of Athens (T.E.I. of Athens). Lectures, preparation and supervision of laboratory experiments and grading of reports for the courses:
- “Metal artifacts conservation”
  - “Special topics in chemistry”
  - “Technology and Construction Techniques”
- 1985-1987**      **Teaching Fellow**, Department of Chemical Engineering, Section (III): Materials’ Science and Technology, National Technical University of Athens  
Preparation and supervision of laboratory experiments for the courses:
- “Physicochemistry”
  - “Electrochemistry”
- 1984-1991**      **Chemical Engineer**, Technical and Economic Studies in Chemical Engineering.

#### **PARTICIPATION IN RESEARCH PROGRAMS**

- 2012-2015**      **ARCHIMEDES III research program**, funded by the European Community and the Greek Ministry of Education: “*Investigation of the anticorrosive effect of organic coatings on concrete reinforcement and of the synergistic effect of corrosion inhibitors*”, Dept. of Physics, Chemistry & Materials Technology, TEI of Piraeus, **Scientific Supervisor**.
- 2012-2015**      **THALES research program**, funded by the European Community and the Greek Ministry of Education: “*Multidisciplinary study of air-quality with emphasis indoors*” Dept. of Physics, Chemistry & Materials Technology, TEI of Piraeus, **Researcher**.
- 2009-2010**      **Research programs 80025 & 80026**, funded by the Special Research Account of TEI Piraeus: “*Failure analysis of a cold-working die for sheet-metal cutting*”, “*Failure analysis of an injection mould-part for the hot-forming of plastics*”, Dept. of Physics, Chemistry & Materials Technology, TEI of Piraeus, **Scientific Supervisor**.
- 2004-2006**      **ARCHIMEDES research program**, funded by the European Community and the Greek Ministry of Education: “*Investigation of Concrete Durability with the use of Cement industrial byproducts B.F. Slag and Corrosion Inhibitors*” , Dept. of Physics, Chemistry & Materials Technology, TEI of Piraeus, **Researcher**.

- 2004-2006** **ARCHIMEDES research program**, funded by the European Community and the Greek Ministry of Education: *“Electric and magnetic properties of polymer materials with conducting and magnetic inclusions of nano size dimensions”*, Dept. of Physics, Chemistry & Materials Technology, TEI of Piraeus, **Researcher**.
- 2004-2006** **ARCHIMEDES research program**, funded by the European Community and the Greek Ministry of Education: *“Study of the chemical and microbiological degradation of oil spills”*, Dept. of Physics, Chemistry & Materials Technology, TEI of Piraeus, **Researcher**
- 2004-2006** **ARCHIMEDES research program**, funded by the European Community and the Greek Ministry of Education: *“Historical-physicochemical study and documentation. Conservation proposals”*, Dept. of Physics, Chemistry and Materials Technology, TEI of Piraeus, **Researcher** - Scientific Supervisor: Prof. A. Alexopoulou, Dept. of Conservation of Antiquities and Works of Art.TEI of Athens.
- 4/2001-8/2001** **LIFE99-ENV/GR 567 research program**, funded by the European Community: *“Magnetic method for oil spills cleaning”*, Dept. of Physics, Chemistry and Materials Technology, TEI of Piraeus, **Researcher**.
- 10/1997-9/1998** Laboratoire de Thermodynamique et Physicochimie Metallurgiques, Ecole Nationale Supérieure d’ Electrochimie et d’ Electrometallurgie, Institut National Polytechnique de Grenoble, **Subbatical year**, research programs on:
- *Welding alloys for covalent ceramics (SiC, TiN, C)*
  - *Intergranular corrosion of Ni by molten Pb*
- 7/1991-10/1993** **BRITE/EURAM-913002 research program**, funded by the European Community: *“Metal Matrix Composites : Physicochemical properties of Al/Carbon interfaces”*, Laboratoire de Thermodynamique et Physicochimie Metallurgiques, Ecole Nationale Superieure d’ Electrochimie et d’ Electrometallurgie, Institut National Polytechnique de Grenoble, **Post-Doctoral Fellow**.
- 1986-1990** **BRITE No P-1149-1-85 research program**, funded by the European Community: *“Study of the electrochemical deposition of aluminium and silicon on iron steels”*, Department of Chemical Engineering, Section (III): Materials Science and Technology, National Technical University of Athens  
Collabotation of:
- Université de Mons, Belgique
  - Trempe Superficielle S.A., Nivelles, Belgique
  - École National des Mines de St Etienne, France
  - Centre de Recherches de l’ Industrie Belge de la Céramique, Belgique
- Research Associate (main researcher)**.
- 1985-1988** **JSP-85-358-GR, JSP-86-358-GR, JSP-87-358-GR, research programs**, funded by the Office of Educational Cooperation of the European Community: *“Use of new instrumental*

*electrochemical techniques for the study of Corrosion”, “Study of the electrodeposition of aluminium from molten salts (high temperatures) and organic melts (low temperatures)”, “Study of the diffusion in solid state”, Department of Chemical Engineering, Section (III): Materials Science and Technology, National Technical University of Athens*

Collaboration of:

- Department of Chemical Engineering, Section (III): Materials’ Science and Technology, National Technical University of Athens
- Laboratoire d’ Electrochimie, Université Pierre et Marie Curie, Paris.
- Ecole Nationale Supérieure d’ Electrochimie et d’ Electrometallurgie de Grenoble.
- Université Scientifique et Medical de Grenoble

**Research Fellow.**

## **HONORS/AWARDS**

**1991-1993**

**TMR (Training & Mobility) Scholarship** (BRITE/EURAM-913002), Laboratoire de Thermodynamique et Physicochimie Metallurgiques, École Nationale Supérieure d’Electrochimie et d’Electrometallurgie, Institut National Polytechnique de Grenoble, France.

## **PROFESSIONAL AND SCIENTIFIC AFFILIATIONS**

Member of Technical Chamber of Greece, since 1984.

Member of Hellenic Society of Chemical Engineers, since 1984.

## **PUBLISHED WORK**

### **1. DOCTORAL DISSERTATION**

**1.1. S. Kalogeropoulou:** “Study of the electrochemical reduction of aluminium from chloride and chlorofluoride molten salts at 450° C”, Department of Chemical Engineering, National Technical University of Athens, (1990).

### **2. PUBLICATIONS IN REFEREED JOURNALS AND CONFERENCE PROCEEDINGS**

**2.1. Y. Chryssoulakis, S. Kalogeropoulou :** “Etude du mecanisme reactionnel de reduction electrolytique de l’aluminium dans le melange NaCl-KCl-LiCl-LiF fondu a 450° C”, J. Appl. Electrochem. 15(1985)267-278.

**2.2. Y. Chryssoulakis, S. Kalogeropoulou:** “Etude du mecanisme reactionnel de reduction electrolytique de l’aluminium dans les melanges NaCl-KCl-LiCl-LiF et NaCl-KCl-LiCl fondus a 450°C” 2eme partie, Metaux-Corrosion-Industrie, No 707-708(1984)241-245.

**2.3. Y. Chryssoulakis, M. Iatrelli, S. Kalogeropoulou, A. Alexopoulou :** “Methode simple de resolution des equations integrales decrivant les courbes de la voltamperometrie cyclique ou triangulaire”, J. Appl. Electrochem. 15(1985)307-311.

- 2.4. Y. Chrysoulakis, **S. Kalogeropoulou**, A. Protopapa, G. Manoli : "Etude de la reduction electrochimique de  $\text{AlCl}_3$  dans le dimethylsulfoxyde a  $25^\circ\text{C}$ " J. Appl. Electrochem. 16(1986)196-202.
- 2.5. Y. Chrysoulakis, **S. Kalogeropoulou**: "Etude de la reaction de la reduction electrochimique de l'aluminium dans les melanges de chlorures alcalins et de chlorures-fluorures alcalins fondus a  $450^\circ\text{C}$ ", J. Appl. Electrochem. 17(1987)941-948.
- 2.6. Y. Chrysoulakis, F. Lantelme, A. Alexopoulou, **S. Kalogeropoulou**, M. Chemla : "Etude des coefficients d'interdiffusion dans les solutions solides Al-Ag par les methodes electrochimiques transitoires dans l'eutectique ternaire NaCl-KCl-LiCl" Electrochim. Acta 32(1987)699-707.
- 2.7. Y. Chrysoulakis, F. Lantelme, A. Alexopoulou, **S. Kalogeropoulou** : "Interdiffusion dans les alliages Al-Ag par les methodes electrochimiques dans l'eutectique NaCl-KCl-LiCl-LiF", Electrochim. Acta 32(1987)1247-1250.
- 2.8. Y. Chrysoulakis, F. Lantelme, A. Alexopoulou, **S. Kalogeropoulou** : "Etude de la reaction d'oxydo-reduction de l'aluminium dans des bains de chlorures alcalins fondus", J. Appl. Electrochem. 18(1988)23-26.
- 2.9. F. Lantelme, E. Cherrat, Y. Chrysoulakis, **S. Kalogeropoulou** : "Studies of the kinetics of aluminium incorporation into an iron electrode in molten salts by linear sweep voltammetry", J. Appl. Electrochem. 19(1989)271-274.
- 2.10. **S. Kalogeropoulou**, K. Landry, N. Eustathopoulos: "Wettability and reactivity in the aluminium/carbon system", Materials Science Forum, Vol.126-128(1993)683-686.
- 2.11. B. Drevet, **S. Kalogeropoulou**, N. Eustathopoulos: "Wettability and interfacial bonding in Au-Si/SiC system" Acta Metall. Mater. 41(1993)3119-3126.
- 2.12. **S. Kalogeropoulou**, Y. Chrysoulakis, L. Gregoire, G. Moortgat : "Aluminium deposits on 42CD4 steel substrates by molten salts electrolysis" Plating and Surface Finishing, (Aug. 1993)28-33.
- 2.13. P. Goeuriot, **S. Kalogeropoulou**, Y. Chrysoulakis : "Dry corrosion of electrochemically aluminided steels", Plating and Surface Finishing, (June 1994) 92-95.
- 2.14. C. Rado, **S. Kalogeropoulou**, N. Eustathopoulos : "Surface and bulk interactions in M-SiC systems (M=Au, Cu, Ni)" Mat. Res. Soc. (MRS) 327(1994)319-324.
- 2.15. C. Rado, S. Kalogeropoulou, N. Eustathopoulos: «Mouillabilite et reactivite entre les siliciures de nickel ou de fer et SiC", Revue de Metallurgie, 91, No 9(1994)1347-1347.
- 2.16. **S. Kalogeropoulou**, L. Baud, N. Eustathopoulos : "Relationship between wettability and reactivity in Fe/SiC system" Acta Metall. Mater. 43(1995)907-912.
- 2.17. K. Landry, **S. Kalogeropoulou**, N. Eustathopoulos, Y. Naidich, V. Krasovsky: "Characteristic contact angles in the aluminium/vitreous carbon system" Scripta Materialia, 34(1996)841-846.
- 2.18. B. Drevet, **S. Kalogeropoulou**, N. Eustathopoulos: "Wettability and interfacial bonding in Au-Si/SiC system" Acta Metall. Mater. 41(1993)3119-3126.

- 2.19. K. Landry, **S. Kalogeropoulou**, N. Eustathopoulos : “Wettability of carbon by aluminum and aluminum alloys” *Materials Science and Engineering A* (1998)99-111.
- 2.20. Vaclav Paidar, Pavel Lejcek, V. Vitek, Xuemin Pan, Hui Gu, S. Stemmer, M. Ruhle, C. Rado, **S. Kalogeropoulou**, N. Eustathopoulos, DA. Shashkov et al: “*Intergranular and Interphase Boundaries in Materials*”, NASA (1998).
- 2.21. C. Rado, **S. Kalogeropoulou**, N. Eustathopoulos : “Wetting and bonding of Ni-Si alloys on silicon carbide”, *Acta materialia*, 47(1999)461-473.
- 2.22. **S. Kalogeropoulou**, C. Rado, N. Eustathopoulos : “Mechanisms of reactive wetting: The wetting to non-wetting case”, *Scripta materialia*, 41(1999)723-728.
- 2.23. C. Rado, **S. Kalogeropoulou**, N. Eustathopoulos : “Bonding and wetting in non-reactive metal/SiC systems: weak or strong interfaces?”, *Materials Science & Engineering A*, 276(2000)195-202.
- 2.24. C. Rado, **S. Kalogeropoulou**, N. Eustathopoulos : “Wetting and adhesion in metal-silicon carbide systems: the effect of surface polarity of SiC”, *Scripta materialia*, 42(2000)203-208.
- 2.25. **S. Kalogeropoulou**, J. Van Deelen, N. Eustathopoulos, F. Le Guyadec, M. Berardo: “Study of Cu/TiN system: wetting or non-wetting?”, *Trans. of Joining Wetting Research Institute*, 30(2001)107-112.
- 2.26. J. Foucher, **S. Kalogeropoulou**, P. Protsenko, F. Hodaj, N. Eustathopoulos: “Grain boundary penetration of Ni by molten Pb”, *Defects and Diffusion Forum*, Vol.216-217 (2003)331-336.
- 2.27. A. Routoulas, **S. Kalogeropoulou**, P. Pantazopoulou, P. Koulouris : “Investigation of CKD- BFS in reinforcement corrosion protection” in *Measuring, Monitoring and Modeling Concrete Properties*, Ed. by Maria S.Konsta-Gdoutos, Springer 2006.
- 2.28. N. Kiriakou, D. Papageorgiou, C. Medrea, **S. Kalogeropoulou**: “Preliminary failure examination of a plastic-injectio mould part”, *J. Techn. in Machine Building*, 5(2010)27-32.
- 2.29. P. Pantazopoulou, **S. Kalogeropoulou**, A. Routoulas, D. Tseles: “Investigation of the anticorrosive effect of protective organic coatings and corrosion inhibitor on concrete reinforcement by the Strain Gauge technique”, 8<sup>th</sup> International Scientific Conference, eRA-8, The SynEnergy Forum: The Conference for International Synergy in Energy, Environment, Tourism and contribution of Information Technology in Science, Economy, Society and Education, Piraeus, Greece, 23-25 September 2013.  
[http://era.teipir.gr/sites/default/files/archimedes\\_i\\_session.pdf](http://era.teipir.gr/sites/default/files/archimedes_i_session.pdf)
- 2.30. P. Pantazopoulou, Th. Zafeiropoulou, **S. Kalogeropoulou**, E. Fountoukidis, G. Batis, K. Papadopoulos: “Examination of physicochemical properties of organic coatings applied on concrete, 9<sup>th</sup> International Scientific Conference, eRA-9, The SynEnergy Forum: The Conference for International Synergy in Energy, Environment, Tourism and contribution of Information Technology in Science, Economy, Society and Education, Piraeus, Greece, 22-24 September 2014.  
[http://era.teipir.gr/sites/default/files/archimedes\\_sessions\\_1.pdf](http://era.teipir.gr/sites/default/files/archimedes_sessions_1.pdf)
- 2.31. **S. Kalogeropoulou**, P. Pantazopoulou, Th. Zafeiropoulou, K. Sideris, “Investigation of Organic Coatings Durability on Concrete Reinforcement Corrosion Protection with the

Synergistic Influence of Corrosion Inhibitors”, 9<sup>th</sup> International Scientific Conference eRA–9, The SynEnergy Forum: The Conference for International Synergy in Energy, Environment, Tourism and contribution of Information Technology in Science, Economy, Society and Education, Piraeus, Greece 22-24/9/2014.

[http://era.teipir.gr/sites/default/files/archimedes\\_sessions\\_1.pdf](http://era.teipir.gr/sites/default/files/archimedes_sessions_1.pdf)

- 2.32. S.Kalogeropoulou**, P.Pantazopoulou, G.Batis, “Concrete Reinforcement Corrosion Protection by Organic Coatings and Corrosion Inhibitors” , 10<sup>th</sup> International Scientific Conference eRA–10 The SynEnergy Forum: The Conference for International Synergy in Energy, Environment, Tourism and contribution of Information Technology in Science, Economy, Society and Education, Piraeus, Greece, 23- 25/9/2015.  
[http://era.teipir.gr/sites/default/files/archimedes\\_session.pdf](http://era.teipir.gr/sites/default/files/archimedes_session.pdf)
- 2.33. S.Kalogeropoulou**, P.Pantazopoulou, A. Routoulas, G.Batis, K.K.Sideris, “Study of corrosion protection offered to concrete reinforcement by organic coatings and inhibitors”, Journal of Applied Research Review (ISSN 2408-0535), A’ Technology & Sciences, Vol XV (2015),31-40.  
<http://journal.teipir.gr/index.php/science/article/view/stud>
- 2.34.** I. Chronis, **S. Kalogeropoulou**, C.S. Psomopoulos, “A review on the environmental impact of mineral and vegetable based insulating oils used in high voltage equipment under the eco design framework”, 7<sup>th</sup> International Conference on Environmental Management, Engineering, Planning and Economics, CEMEPE 2019, Mykonos, Greece, 19-24/5/2019.
- 2.35.** Chronis, **S. Kalogeropoulou**, C.S. Psomopoulos, “Natural esters as transformers’ oils. Current status and future trends and developments”, 30<sup>th</sup> Scientific Meeting of E.E. CIGRE, 2-3 April 2020, Athens, Greece.
- 2.36.** Ioannis Chronis, **Sofia Kalogeropoulou**, Constantinos S. Psomopoulos, “A review on the requirements for environmentally friendly insulating oils used in high-voltage equipment under the eco design framework”, Environmental Science and Pollution Research, Springer-Verlag GmbH, June 2020, DOI 10.1007/s11356-020-09601-7.
- 2.37.** Paraskevi Pantazopoulou, Stamatina Theohari, **S. Kalogeropoulou**, “Organic Dyes as corrosion inhibitors of commercial AA1050 aluminum alloy in sodium chloride environment”, 6<sup>th</sup> International Conference of Engineering Against Failure, ICEAF, 23-25 June 2021, Greece.
- 2.38.** P. Pantazopoulou, S. Theohari, **S. Kalogeropoulou**, “Crocic as an eco-friendly corrosion inhibitor for aluminum alloys in NaCl solution”, 1<sup>st</sup> International Conference on Sustainable Chemical & Environmental Engineering, SUSTENG 2022, 31 Aug – 4 Sep 2022, Rethymno, Greece.
- 2.39.** Paraskevi Pantazopoulou, Stamatina Theohari, **Sofia Kalogeropoulou**, “Experimental Investigation of Inhibition Efficiency of Crocic for Chloride-Induced Corrosion of Aluminum Alloys”, Open Journal of Applied Sciences, 12, 1931-1943.  
<https://doi.org/10.4236/ojapps.2022.1211134>
- 2.40.** Paraskevi Pantazopoulou, **Sofia Kalogeropoulou**, Stamatina Theohari, Eleftherios Papamichalis, DemeterTzeli, “Evaluation of Crocic as green corrosion inhibitor for aluminum in NaCl solution”, Chemical Engineering Communications.  
<https://doi.org/10.1080/00986445.2022.2147834>



### **3. PUBLICATIONS IN GREEK JOURNALS AND GREEK CONFERENCE PROCEEDINGS**

- 3.1.** G. Nicolaidis, E. Fountoukidis, G. Atanasova, **S. Kalogeropoulou**, A. Fotopoulos, N. Theophilou, S. Tsitomeneas, P. Pissis, M. Kontou-Drouga: “Magnetic properties of polymers with nanoparticle magnetic inclusions (in isotropic & anisotropic form)”, Scientific Yearbook of Applied Research, T.E.I. of Piraeus, Vol. XIII, No1(2008)131-137.
- 3.2.** G. Nicolaidis, E. Fountoukidis, G. Atanasova, **S. Kalogeropoulou**, A. Fotopoulos, N. Theophilou, S. Tsitomeneas, P. Pissis, V. Peoglos, M. Kontou-Drouga: “Magnetic properties and electrical conductivity of magnets with nanoparticle inclusions of Nd<sub>2</sub>Fe<sub>14</sub>B type (in isotropic & anisotropic form)”, Panhellenic Congress of Solid State, Patra 24/9/2006.
- 3.3.** G. Atanasova, **S. Kalogeropoulou**, E. Fountoukidis, G. Nicolaidis, A. Fotopoulos, N. Theophilou, S. Tsitomeneas, P. Pissis, M. Kontou-Drouga: “Dielectric constant and ac electric conductivity of polymers with isotropic nanoparticle magnetic inclusions”, Scientific Yearbook of Applied Research, T.E.I. of Piraeus, Vol. XIII, No1(2008)41-50.
- 3.4.** D. Rigos, I. Sideris, K. Mendrea, **S. Kalogeropoulou**: “Non-destructive tests in analysis of premature failure of a cold-working die for sheet-metal cutting”, 4th National Congress on Metallic Materials, 4-5/11/2010, Thessaloniki Greece.
- 3.5.** **S. Kalogeropoulou**, A. Routoulas, P. Pantazopoulou, A. Marousaki: “Study of the anticorrosive effect of organic coatings on concrete reinforcement by the Strain Gauge technique”, 9<sup>th</sup> National Congress of Chemical Engineering, Athens, 23-25 May, 2013. <http://9pesxm.chemeng.ntua.gr/fullpapers/PE0177.pdf>
- 3.6.** St. Theohari, **S. Kalogeropoulou**, P. Pantazopoulou, V. Argyropoulos: “Corrosion behavior of anodic films on aluminum and aluminum alloy in seawater”, 6<sup>th</sup> National Congress on Metallic Materials, 7-9/12/2016, Ioannina, 421-426.
- 3.7.** **S. Kalogeropoulou**, P. Pantazopoulou, G. Batis: “Study of the protection offered to concrete reinforcement by organic coatings and corrosion inhibitor”, 18<sup>th</sup> National Congress on Concrete, 29-31 March 2018, Athens.
- 3.8.** P. Pantazopoulou, **S. Kalogeropoulou**, G. Batis: “Effect of the environment on organic protective coatings for concrete”, 13<sup>th</sup> Paints Symposium, 15-16 March 2018, Athens.

**CITATIONS: 609 (self citations ecluded/source: Scopus 11-2022)**

**LANGUAGES: English: Excellent - French: Excellent**