

## **GEORGIOS PRINIOTAKIS Ph.D.**

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### **Education**

- **2005.** UNIVERSITEIT GENT, Department of Textiles, Doctor of Applied Sciences, option Textiles
- **1999.** PATES/SELETE, School for Teachers for Technical and Vocational Education of Athens, Postgraduate Studies in Pedagogical Studies.
- **1992.** UNIVERSITY OF LEEDS, Department of Textile Industries, Master of Science in Textile Science and Engineering.
- **1988.** TECHNOLOGICAL INSTITUTE OF PIRAEUS, Department of Textile Technology, Diploma (B.Sc. equivalent) in Textile Technology.

### **Educational Experience**

- **19/04/2018 – Today** Associate Professor, University of West Attica, School of Engineering, Dept. of Industrial Design and Production). Academic Field: Innovative Textile Technologies for Multifunctional Garments (FEK 2504/B/29-06-2018/number 4867)
- **27/03/2015–18/04/2018** Associate Professor, Piraeus University of Applied Sciences, School of Applied Technology, Dept. of Textile Engineering (Piraeus, Greece). Academic Field: Innovative Textile Technologies for Multifunctional Garments
- **10/2008 – 26/03/2015.** Assistant Professor, TEI of Piraeus, School of Applied Technology, Dept. of Textile Engineering (Piraeus, Greece). Academic Field: Design and Development of Innovative Apparel.
- **9/1999- 10/2008.** Lecturer, TEI of Piraeus, School of Applied Technology, Dept. of Textile Engineering (Piraeus, Greece).
- **2/1997- 7/1999.** Lecturer, Laboratory-Fellow, TEI of Piraeus, School of Applied Technology, Dept. of Textile Engineering (Piraeus, Greece).

### **Professional Experience**

- **9/2019** - Today: Head of department of the Industrial Design and Production Engineering of the Engineering School of University of West Attica.
- **5/2018** - Today: COST Action Management Committee COST Action CA17107, COST Association European Network to connect research and innovation efforts on advanced Smart Textiles (CONTEXT)  
[http://www.cost.eu/COST\\_Actions/ca/CA17107?management](http://www.cost.eu/COST_Actions/ca/CA17107?management)
- **9-2017 – 3/2018:** Deputy Head of department of the Textile Engineering dept. of Piraeus University of Applied Sciences
- **5-2017 – 2/2018:** Director of the Center of Lifelong Learning Studies of Piraeus University of Applied Sciences
- **9-2015 – 2/2018:** Director of Postgraduate studies in the Department Textile Engineering of Piraeus University of Applied Sciences
- **7-2019 – today:** Director of Multifunctional Garments Laboratory of the Department of Textile Engineering of University of West Attica
- **9-2011- 3/2018:** Director of the Knitting and Garment Engineering Section of the Textile Department Engineering of Piraeus University of Applied Sciences
- **12/2010- 12/2015: National Representative of Greece** to the Governing board and committees in the activities of the European Research Area and its cooperation with intergovernmental organizations in A10. (Decision of the Minister of Education 15396/3.12.2010 A.P.)
- **3/2012 – 3/ 2014: Deputy member** of the 8th Expert Committee of the General Secretariat of Trade in the Ministry of Development, Competition and Nautical in section of the National General Directorate of Public Procurement Decision.
- **4/2010 – 9/2011:** Registered in the database of evaluators of proposals for research funding programs “ESPA” from Ministry of Education, Lifelong Learning and Religion (2010)
- **4/2010 – 9/2011:** Member of the "Education, Audiovisual and Culture Executive Agency of the Erasmus Programme" (2010).
- **2/2010- 9/2012:** Deputy Director of the Division of Textiles and a member of the Special Interdepartmental Committee - Advisory and Coordinating Committee of Inquiry and the Interdepartmental Postgraduate Program "New Technologies for Production of Goods and Services" organized by TEI of Piraeus.
- **2010-2012:** Member of Review Committee - evaluation of sub opposition Action 4.6.1 "Creation of Regional Innovation Poles" of Competitiveness in the thematic

area "AGROULIKA (Textiles, Wood)" under the Department of Management Structural Programs of the General Secretariat for Research and Technology (GSRT).

- **2003-2004:** Member of the panel of experts of the ministry of Development, Directorate of Commerce (panel No 10 upper level) for the provision of every textile related product for the needs of the Hellenic State establishment.
- **2002-2003:** Member of the panel of experts of the ministry of Development, General Secretary of Technology for the consolatory response for the subsidy of companies related for textile related product in investment in high technology.
- **2000-2001:** Member of the experts of Hellenic Organization of Vocational Education and Training (O.E.E.K.), for the editing of the national curriculum for the vocational training of garment manufacturing engineers.
- **1999-2001:** Member of the experts of Hellenic Organization for Vocational Education and Training (O.E.E.K.), for the national certification.
- **1998-2001:** Member of the panel of experts of the ministry of Development, Directorate of Commerce for the provision of every textile related product for the needs of the Hellenic State establishment.
- **1998-2001:** Member of the panel of experts of the Ministry of Development, Directorate of Commerce of GREECE for the settlement the specifications for textile related product for the needs of the Hellenic State establishment.
- **1998-2001:** Deputy member of the expert's panel, of the Directorate of Commerce, of Ministry of Development of GREECE, responsible for the offers inquiry of suppliers of Textile and related products for provision for the Hellenic State establishment needs.
- **1/1995 - 2/1997:** Research Fellow, University of Gent (Gent, Belgium)
- **10/1992 - 12/1994:** Researcher, University of Bradford, Industrial Technology Department, (Bradford, UK)
- **4/1990 - 9/1991:** Quality Manager, Hermes Export / E.E. Vassilopoulos & Co., S.A (Athens, Greece), Quality Inspector in garments produced by Greek factories for export to Europe and USA.
- **6/1988 - 3/1990:** Textile Engineer, Emmanuel Priniotakis & Company Ltd., (Athens, GREECE) Textile engineer and technical consultant

#### **Awards received**

ATI C. Text. Title award by the International Textile Institute (1994).

### **Books (Authors, Editor, Title Book, Publisher, Location, Year, Pages)**

1. G Priniotakis, PhD Thesis, University of Ghent Belgium, "Study of Conductive Textile Electrodes as Analytical Tool for Detection of Parameters related to human body by (EIS) Electrochemical Impedance Spectroscopy." 2005
2. G. Priniotakis, H. Kyriopoulos, T. Mpogiatzaras, Sewing Technology, Paidagogiko Instituto, Athens GREECE, 2005 September 2005
3. P. Westbroek, G. Priniotakis, P. Kiekens, Analytical Electrochemistry in Textiles, Woodhead Publishing Ltd., UK, ISBN 1 85573 919 4, August 2005, 356 pages 234 x 156mm hardback
4. L. Van Langenhove, C. Hertleer, G. Priniotakis, P. Westbroek, Textile sensors for health care, Section in Smart Textiles for medicine and healthcare, L. Van Langenhove, 2007 Woodhead Publishing Ltd., UK,
5. Georgios Priniotakis, Electrotexiles: A Novel Product for the Textile Industry, Chapter 15 in Strategic Marketing in Fragile Economic Conditions, (2014) 8 pages, DOI: 10.4018/978-1-4666-6232-2.
6. G. Priniotakis, Multifunctional Textiles, Athens GREECE, (in preparation)

### **Published Papers (with Science Citation Index) (19)**

1. **G. Priniotakis**, T. Peppas, A. Charalambous, A. Repoulas; Water transversal measuring device for Geotextiles, **Tekstil Obleklo** (Textiles – Clothing), 12, **2003**, pp. 15-21 Publisher Sc. Ass. Textile Clothing Leather (see World Textile Abstracts).
2. **G. Priniotakis**, A. Peppas, A. Repoulas; Design and Construction of an Improved Apparatus for Measuring the Water Permeability Vertically to the Surface of Geotextiles, **Applied Research Review** – Journal of the Technological Education Institute of Piraeus (EEEE), Vol. IX, No 1, **2004** ISSN- 1106 -4110 pp.43.
- 3 **G. Priniotakis**, A. Charalambous, P. Hadjidobrev; The knitting threads stretch at the float stitch with elasticity of elongation only, **Journal of Advanced Material Science Forum**, Vols 455-466 (**2004**) pp. 775-778 online <http://www.scientific.net/> . (Impact Factor 2002: 0.613)
4. **G. Priniotakis**, P. Westbroek, L. Van Langenhove and P. Kiekens; Electrochemical Impedance Spectroscopy for quality control testing of textile structure electrodes, **Tekstil** , Vol 53, November **2004**, No 11, pp.543-547. (Impact Factor 2002: 0.742)
5. **Priniotakis**; P. Westbroek; L. Van Langenhove; P. Kiekens, An experimental simulation of human body behaviour during sweat production measured at textile electrodes, **International Journal of Clothing Science and Technology** (IJCST) ISSN 0955-6222, Vol. 17, No. 3/4, **2005**. [www.emeraldinsight.com/0955-6222.htm](http://www.emeraldinsight.com/0955-6222.htm)
6. **Priniotakis**, R. Toudi, E. Gyalinou, G. Karotsis; The effects of neoprene fabric ageing to the thermo insulate properties of underwater uniform activities, **Applied Research Review** – Journal of the Technological Education Institute of Piraeus (EEEE) , Vol. X, No1, **2005**, ISSN-1106-4110, 51.
7. P. Westbroek, **G. Priniotakis**, L. Van Langenhove and P. Kiekens; Quality Control of Textile Electrodes by Electrochemical Impedance Spectroscopy; **Textile Research Journal** Vol 76(2):152-159 Feb **2006** (Impact Factor 2002: 0.456)

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8. Charalambus; **G. Priniotakis**; M. Pavlova, Study of the phase changes in the structure of single plated knitted fabric garments, **Acta Univeritatis Cibiniensis**, Technical Series, vol. LIII, Sibiu **2006**, ISSN 1583-7149, 83-88.

<http://www.scribd.com/doc/53635352/Acta-Universitatis-Cibiniensis>

9. E. Gasana, P. Westbroek, J. Hakuzimana, K. De Clerck, **G. Priniotakis**, P. Kiekens, D. Tseles, Electroconductive textile structures through electroless deposition of polypyrrole and copper at polyaramide surfaces, **Surface and Coatings Technology**, 201, December, (2006) Issue 6, 3547-3551(<http://www.sciencedirect.com/science>)

10. **G. Priniotakis**; P. Westbroek; L. Van Langenhove; C. Hertleer, Electrochemical impedance spectroscopy as an objective method for characterization of textile electrodes, **Transactions of the Institute of Measurement and Control**, 8 **2007**; vol. 29: pp. 271 – 281 (<http://tim.sagepub.com/content/29/3-4/271.abstract>).

11. **G. Priniotakis**, A wearable Sensor System for diagnosis of Heart Abnormalities, **Acta Univeritatis Cibiniensis**, Technical Series, vol. LIII, Sibiu **2009**, ISSN 1583-7149, 3-7.

<http://www.scribd.com/doc/53635352/Acta-Universitatis-Cibiniensis>

12. Charalambus **G. Priniotakis**, Achaknitcable a Program for Optimizing the process of Stitches Crossing, Acta Univeritatis Cibiniensis, Technical Series, vol. LIX, ISSN 1583-7149, 58-60, Sibiu **2009**.

13. Schwarz, J. Hakuzimana, A. Kaczynska, J. Banaszczyk, P. Westbroek, E. McAdams, G. Moody, Y. Chronis, **G. Priniotakis**, G. De May, D. Tseles, L. Van Langenhove, Gold coated para-aramid yarns through electroless deposition, **Surface & Coatings Technology**, 204 (2010) 1412-1418.(

<http://www.sciencedirect.com/science/article/pii/S0257897209007373>)

14. S. Tombe, W. Chidawanyika, E. Antunes, **Giorgos Priniotakis**, Philippe Westbroek, Tebello Nyokong Physicochemical behavior of zinc tetrakis (benzylmercapto) phthalocyanine when used to functionalize gold nanoparticles and in electronspun fibers. **J. PhotoChem. Photobiol. A: Chem.** 240 (2012) 50-58

<http://www.sciencedirect.com/science/article/pii/S1010603012002468>

15. A. Schwarz, J. Hakuzimana, P. Westbroek G. De Mey, **G. Priniotakis**, T. Nyokong and L. Van Langenhove, A study on the morphology of thin copper films on para-aramid yarns and their influence on the yarn's electro-conductive and mechanical properties, **Textile Research Journal** September **2012** vol. 82 no. 15 1587-1596

<http://trj.sagepub.com/content/82/15/1587>

16. N. Masilela, P. Kleyia, Z. Tshentu, G. Priniotakis, P. Westbroek, T. Nyokong, Photodynamic inactivation of Staphylococcus aureus using low symmetrically substituted phthalocyanines supported on a polystyrene polymer fiber, **Dyes and Pigments** 96 (2013) 500-508,

<http://www.sciencedirect.com/science/article/pii/S0143720812002872>

17. Daniela Farima, Georgios Priniotakis, Confort in the clothes sportwear, Journal of

18. Galani Irene, **Priniotakis Georgios**, Chronis Ioannis, Tzerachoglou Anastasios, Plachouras Diamantis, Westbroek Philippe, Souli Maria, Copper-coated textiles: armor against MDR nosocomial pathogens, Medical Science.  
<https://www.sciencedirect.com/science/article/abs/pii/S0732889316300281>
19. Ioan Filip, Daniela Farima, **Georgios Priniotakis**, Mihai Ciocoiu, Raluca Maria Aileni, Optimizing the functionality of the willowing machine regarding recoverable materials, Journal of the Textile Industry in Romania, Industria textile 2016, Vol 67, nr 1.  
[https://www.researchgate.net/scientific-contributions/2092184933\\_Mihai\\_Ciocoiu](https://www.researchgate.net/scientific-contributions/2092184933_Mihai_Ciocoiu)
20. Harkati ElHadi, Rokbi Mansour, [Georgios Priniotakis](#), Savvas Vassiliadis, Sozon Vasilakos, Hadjer Boughanem, Lahcene Fellah), Journal of Computational Methods in Science and Engineering (JCMSE). Physico-chemical and mechanical Characterization of Jute fabrics for Civil Engineering Applications, 18 (2018) 129–147 129, DOI 10.3233/JCM-180776, IOS  
<https://content.iospress.com/journals/journal-of-computational-methods-in-sciences-and-engineering/18/1?start=10>
21. Michail Papoutsidakis, Dimitrios Piromalis, Georgios Priniotakis, Advanced Automation in Textile Industry Production Lines, International Journal of Engineering Applied Sciences and Technology, 2019, Vol. 4, Issue 5, ISSN No. 2455-2143, Pages 504-507, Published Online September 2019 in IJEAST (<http://www.ijeast.com>)
22. M. Papoutsidakis, G. Priniotakis, A. Chatzopoulos, Applications of Intellectual Systems to Packaging Systems in Industrial Environment, Journal of Multidisciplinary Engineering Science and Technology (JMEST) ISSN: 2458-9403 Vol. 6 Issue 12, December - 2019 [www.jmest.org](http://www.jmest.org) JMESTN42353220 11214
23. Ioanna Kakabouki, Charikleia Zisis; Stella Karydogianni; Mohamad Darawsheh, Senior Researcher; Georgios Priniotakis, Prof; Zoi Tselia; Dimitrios J Bilalis, Prof Industrial Crops and Products, Effect of Nettle (*Urtica dioica* L) density on fiber yield and quality in a natural ecosystem under East Mediterranean conditions.
24. S. D’Incecco, D. Nikolopoulos, N. Chatzisavvas, P. Yannakopoulos, E. Petraki, G. Priniotakis, CARBON DIOXIDE AS A TRACE GAS PRECURSOR OF SEISMIC ACTIVITY, С.С. ЦЫГАНКОВ II, С.С. ЦЫГАНКОВ III [МОДЕЛИРОВАНИЕ ГРАВИТАЦИОННЫХ ПОЛЕЙ МЕТОДОМ ФОТОУПРУГОСТИ](#)
25. D’Incecco S, Di Carlo P, Arrufo E, Chatzisavvas, N, Petraki E, Priniotakis G, Voyiatzis I, Yannakopoulos PH, Nikolopoulos D, Fractal Dimension Analysis Applied to Soil CO<sub>2</sub> Fluxes in Campotosto’s Seismic Area, Central Italy, Geosciences 2020 10 (6), 233.
26. Nikolopoulos D, Petraki E,, Yannakopoulos PH, Priniotakis G, Voyiatzis I, Cantzos D, Long-Lasting Patterns in 3 kHz Electromagnetic Time Series after the ML=6.6 Earthquake of 2018-10-25 near Zakynthos, Greece, Geosciences 2020 10 (6), 23.

**Published Papers (without Science Citation Index) (Authors, Journal, Year, Volume, Issue, Pages)**

1. G. Priniotakis, Journal of Hellenic Union of Greek Textile Technologists, "Textile Education in Greece", 7/1993, 108, pp. 20.
2. Stefan Sette, Lieva Van Langenhove, Ralph Habets, Jorgos Priniotakis; Cotton Fibres Free of Contamination; Design to Manufacture in Modern Industry, Portoroz, Slovenia, 8-9 September, 1997, pp. 532-541.
3. Van Langenhove L., Habets R., Priniotakis J., Sette S., Kiekens P. ; Optical Sorter - Expert system for the spinning industry, Proceedings of the Lucrarile Celei de a XI-a Conferinta Romane de Textile si Pielarie, Iasi, 23-24 Octombrie, volumu II, 1997, pp. 39-40.
4. G. Priniotakis, Staff - Architecture and Decoration, Technical Fibers and Fabrics using in the construction Industry, 1998 pp. 76.

**Papers in Conference and Symposiums (Authors, Conference, Location, Publisher, Year)**

1. G. Priniotakis, T. Peppas, 1st Annual Meeting of Hellenic Union of Greek Textile Technologists, COMETT TEAMS for the European Textile Manager Training Program, Athens, 14 May 1993.
2. G. Priniotakis, T. Peppas, 2nd Annual Meeting of COMETT, Implementation in new technologies in Textile and Garment Manufacturing in Europe, Athens 18th-19th October 1994.
3. G. Priniotakis, 2nd Annual Meeting of AUTEX (Association of Universities for Textiles), The influences of the INTERNET in the Textile Industry, Gent Belgium, 15th February 1996.
4. G. Priniotakis, Annual Meeting of EURATEX in Brussels, The contribution of informatics in Modern Textile Industries, Brussels Belgium, 31st January 1997.
5. L. Van Langenhove, R. Habets, J. Priniotakis, World Textile Conference of Textile Institute, Optical Sorter for the Spinning Industry, 78th World Conference of the Textile Institute, 23-26 Mai 1997, Thessaloniki, GREECE .
6. L. Van Langenhove, R. Habets, J. Priniotakis, 2nd International Conference on New Products and production Technologies for a New Textile Industry, "Optical sorter for the cotton spinning industry", June 30th - July 1st 1997.
7. L. Van Langenhove, R. Habets, J. Priniotakis, World Textile Congress on Natural and Natural-Polymer Fibres, Cotton Fibers Free of Contamination, 9,10, 11 July 1997, Huddersfield, UK
8. L. Van Langenhove, R. Habets, J. Priniotakis, International Symposium "Design to Manufacture in Modern Industry" Optical Sorter - Expert system for Spinning Industry",

Portoroz Slovenia, 8-9 September 1997,

9. L. Van Langenhove, R. Habets, J. Priniotakis, 5th International Conference - 21st Century - a Challenge for Research and Turnover of Cotton", Cotton Fibers Free of Contamination, Lodz, Poland, Gdynia Cotton Association, 11-12 September 1997.

10. L. Van Langenhove, R. Habets, J. Priniotakis, XIth Romanian Conference of Textiles and Leathership Higher Education Cotton Fibers Free of Contamination, , "Gh. Asachi Technical University, Textiles and Leather Engineering Faculty" 23-24 October 1997, Iasi, Romania.

11. G. Priniotakis, A. Charalambus, P. Hadjidobrev; International Conference "Materials 2003", "The Knitting Threads Stretch at the Float Stitch with Elasticity of Elongation only", Capanica Portugal, 14-16 April 2003, web page <http://events.fct.unl.pt/materiais2003/>

12. Georgios Priniotakis, Philippe Westbroek, Lieva Van Langenhove, Paul Kiekens, 4th FTW PhD symposium, New Method for quality control of textile electrodes used in intelligent textiles by means of (EIS) Electrochemical Impedance Spectroscopy, 3rd December 2003 Ghent University, Belgium. <http://symposium.elis.ugent.be>

13. Georgios Priniotakis, Philippe Westbroek, Agni Ginopoulou, 1st International Conference on Information Technology and Quality, "The quality of Textile Electrodes used for surgical monitoring studied by means of Electrochemical Impedance Spectroscopy", Athens Greece 5-6 June 2004, proceedings pp. 43, web page <http://softlab.teipir.gr/synedrio/index.html>

14. Philippe Westbroek, Georgios Priniotakis, Paul Kiekens, Lieva Van Langenhove, 4th AUTEX Conference, "New Method for Characterizing Intelligent Textiles By Means of Electrochemical Impedance Spectroscopy", Roubaix-France 22-24 June 2004, web page <http://autex2004.ensait.fr/> ISBN: 2-9522440-0-6 AUTEX 04 Conference proceedings.

15. Paul Kiekens, Georgios Priniotakis, Philippe Westbroek, Lieva Van Langenhove, ICCE- Eleventh Int. Conference on Composites or Nano Engineering in Hilton-head island, South Carolina, USA, Electrochemistry as an analytical tool to study intelligent textile electrodes", Marriott Hilton-Head Beach & Golf Resort, South Carolina, USA, August 8-14, 2004. web page [http://www.acad.polyu.edu.hk/~mmktlau/ICCE/ICCE\\_Main.htm](http://www.acad.polyu.edu.hk/~mmktlau/ICCE/ICCE_Main.htm). (ORAL PRESENTATION ON INVITATION)

16. Georgios Priniotakis, Philippe Westbroek, Paul Kiekens, Lieva Van Langenhove, 2nd International Textile, Clothing and Design Conference – (2; 2004; Dubrovnik), An Electrochemical Cell as Simulator for the Human Body to Study the Behavior and Properties of Textile Electrodes, Dubrovnik Croatia, 3-6 October **2004**. ISBN 953-7105-05-9, pp.794-799 <http://itcdc.ttf.hr/index2004.html>

17. Paul Kiekens, Georgios Priniotakis, Philippe Westbroek, Lieva Van Langenhove, 10th International Izmir Textile and Apparel Symposium, "Intelligent textile electrode behaviour studied by Electrochemical Impedance spectroscopy", Izmir Turkey, 27-30 October **2004**. (<http://sempozyum.textile.ege.edu.tr/>) (ORAL PRESENTATION ON INVITATION)

18. Paul Kiekens, Georgios Priniotakis, Philippe Westbroek, Lieva Van Langenhove, International Conference " Innovation in Technical Textiles: World Market and Future



Prospects”, “ Study of the intelligent textile electrode-skin interface using Electrochemical Impedance spectroscopy for medical applications”, Barcelona Spain, October **2004** <http://etseit-ct.upc.es/> (ORAL PRESENTATION ON INVITATION)

19. Georgios Priniotakis, Philippe Westbroek, Lieva Van Langenhove , Paul Kiekens, VIII International Scientific Conference “ IMTEX”, “ Study of the intelligent textile electrode-skin interface using Electrochemical Impedance spectroscopy for medical applications”, Lodz, POLAND 22-23 November 2004. web page: ([http://www.p.lodz.pl/wlokno/imtex\\_2004](http://www.p.lodz.pl/wlokno/imtex_2004))

20. Athanasia Tsatsarou, Georgios Priniotakis, Charalambos Bousias, 2nd International Conference on Information Technology and Quality, Spetses Greece June, 3-4 June **2005**, web page (<http://softlab.teipir.gr/synedrio/default.asp>)

21. Lieva Van Langenhove, Georgios Priniotakis, Philippe Westbroek, Paul Kiekens, AVANTEX 2005 - Techtexil, “A Novel Electrochemical Cell for the Evaluation of Textile Electrode Behaviour”, Frankfurt Germany, 7-9 June **2005**. (AX\_6\_09) web page: <http://avantex.messefrankfurt.com/global/en/home.html>

22. Lieva Van Langenhove, Carla Hertleer, Jorgos Priniotakis, Babette Lanfer, 5th World Textile Conference AUTEX, “Smart textiles - dream or fact?”, Portoroz Slovenia, 27-29 June **2005**. (Plenary Session 09:00-09:30), <http://autex2005.fs.uni-mb.si/index.html>

23. Georgios Priniotakis, Philippe Westbroek, Lieva Van Langenhove, Paul Kiekens, Conference on Management of Technological Changes “Electrochemical Impedance Spectroscopy for quality control testing of textile structure electrodes used for long term monitoring”,. Chania, GREECE, 19-20 August, Proceedings Book 2, Technical University of Crete, Greece pp. 95-100, **2005**. Web page: <http://www.cetex.tuiasi.ro/mtc2005/>

24. G. Priniotakis, L. Van Langenhove, P. Westbroek, An experimental simulation of human body behavior during sweat production, measured using textile electrodes, 1st International Scientific Conference e R A 16-17 Sep **2006** Tripolis GREECE, (<http://era.teipir.gr>).

25. G. Priniotakis, Fashion Education and Training, 2nd World Apparel Convention, 18-20 June **2006**, Thessaloniki Greece <http://www.iaf2006.com/>

26. P. Westbroek, G. Priniotakis, Y. Chronis, D. Tseles, “Metallization of synthetic fibres by nickel”, e.R.A. 2, 14-15 Sept. **2007** Athens Greece, Proceedings ISSN 1791-1133, pp.204-218. (<http://era.teipir.gr>).

27. D. Piromalis, D. Tseles, G. Priniotakis, I. Chronis, V. Kapsalis, Real Time Monitoring of the Physiological and Location Data from Parachutists Soldiers”, e.R.A. 2, 14-15 Sept. **2007** Athens Greece Proceedings ISSN 1791-1133, pp.724-734., (<http://era.teipir.gr>)

28. A. Tsatsarou, A. Oikonomopoulou, E. Gialinou, G. Priniotakis, Ch. Bousias, “Study and Comparison of the absorbance of Hydro\_capillary and algenic- calcium compresses-bandages”, e.R.A. 2, 14-15 Sept. **2007** Athens Greece, Proceedings ISSN 1791-1133, pp.227-239., (<http://era.teipir.gr>)

29. G. Priniotakis, E. Kapsalis, D. Tseles, A. Tzerachoglou, I. Chronis, D. Piromalis “ESTHIS – Wearable Electronics - Dress for Success“. SynEnergy Forum (S.E.F.) The

conference for International Synergy in Energy, Environment, Tourism and Information Technology, Spetses, Greece 28-31 May **2008**, pp.249-256 (<http://synenergy.teipir.gr>)

30. A. Peppas, F. Kotzia, G. Priniotakis, "EcoTextiles – The unique challenge of today for the Greek Textile Industry" SynEnergy Forum (S.E.F.) The conference for International Synergy in Energy, Environment, Tourism and Information Technology, Spetses, Greece 28-31 May **2008**, (<http://synenergy.teipir.gr>)

31. A. Tsatsarou-Michalaki, N. Hliopoulos, G. Priniotakis, C. Mpoussias, "Natural Dyes-Unifying the Heritage of the Past for an Eco-Friendly Future", SynEnergy Forum (S.E.F.) The conference for International Synergy in Energy, Environment, Tourism and Information Technology, Spetses, Greece 28-31 May **2008**, (<http://synenergy.teipir.gr>)

32. G. Priniotakis, E. Kapsalis, A. Tzerachogloy, I. Chronis, D. Tseles, D. Piromalis, "ESTHIS Prototyping: Textile Sensors for physiological signals" e.R.A. 3, 17-19 Sept. **2008** Athens Greece, Proceedings pp. 440-451 (<http://era.teipir.gr>)

33. D. Tseles, D. Piromalis, A. Tzerachoglou, E. Kapsalis, G. Priniotakis, I. Chronis "ESTHIS Prototyping: Electrical Characteristics and Performance of Yarns made of Gold Coated Fibers", e.R.A. 3, 17-19 Sept. **2008** Athens Greece, Proceedings, pp. 552-557 (<http://era.teipir.gr>)

34. G. Priniotakis, E. Kapsalis, D. Tseles, A. Tzerachoglou, I. Chronis, D. Pyromalis "ESTHIS Wearable Electronics", 2nd International Scientific Conference Textiles of the Future Kortrijk – Belgium, 13 - 15 November **2008**, (<http://textiles.ugent.be/ft/>).

35. G. Priniotakis, A. Peppas, S. Antoni, S. Voulgaris Organization and Strategy of Clothing Companies in a continuous changing social-economic environment, 22nd International IFATCC Congress, 5-7 May **2010**, Stresa ITALY, ([www.stresa2010.org](http://www.stresa2010.org))

36. A. Tzerachoglou, G. Priniotakis, I. Chronis, E. Kapsalis, A. Peppas, D. Tseles D. Pyromalis "Development of conductive sewing threads using experimental laboratory device", International Scientific Conference e RA – 5 The SynEnergy Forum The Conference for International Synergy in Energy, Environment, Tourism and contribution of Information Technology in Science, Economy, Society and Education 15 - 18 September **2010**, Piraeus, Greece, (<http://era.teipir.gr>).

37. S. Harlock, Z. Stjepanovič, J. Davis, M. Blaga, A. Peppas, G. Priniotakis, F. N. Ferreira, A. Vilumsone, I. Ziemele, M. Debevc, Distance Learning and web- based education and training for textile studies: The eLiTA Project ", International Scientific Conference e RA – 5 The SynEnergy Forum The Conference for International Synergy in Energy, Environment, Tourism and contribution of Information Technology in Science, Economy, Society and Education 15 - 18 September **2010**, Piraeus, Greece, (<http://era.teipir.gr>).

38. **G. Priniotakis**, "ESTHIS" Prototyping: The suitability of the cold coated Yarn Electrodes for monitoring Physiological and Biomechanical Variables: E-Textile Solutions, International Scientific Conference, Innovative solutions for sustainable development of Textiles industry, 27-28 May **2011** Oradea Romania, Proceedings Volume XII, ISSN: 1843-813X

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39. Anastasios Tzerachoglou, **Georgios Priniotakis**, Ioannis Chronis, Evangelos Kapsalis\*

Elena Gyalinou, Athanassios Peppas, Dimitrios Piromalis, Dimitrios Tseles, Gold Coated Textile Electrodes for Wearable Bio-potential Monitoring Systems., FiberMed11, International Conference on Fibrous Products in Medical and Health Care, Tampere, Finland, **2011**. ISBN 978-952-15-2607-7 [www.tut.fi/fibermed](http://www.tut.fi/fibermed)

40. **Georgios Priniotakis**, Higher Education in the Textile and Clothing Sector in Europe -Trends and drivers of change, TEXMEDIN Conference Textile Museum of Prato, 8th - 9th November **2011**, Prato Italy, <http://www.texmedin.eu/news.php?m=2011-11#k47> , INVITED SPEAKER

41. **Georgios Priniotakis**, Anastasios Tzerachoglou, Ioannis Chronis, Philippe Westbroek, Tebello Nyokong, Development of Gold Coated Threads, International Scientific Conference, Innovative solutions for sustainable development of Textiles industry, 1-2 June **2012** Oradea Romania, Proceedings Volume XII, ISSN: 2012 1843-813X <http://www.doaj.org/doaj?func=openurl&genre=journal&issn=1843813X&volume=XII&issue=1&date=2012&uiLanguage=en>

42. **Georgios Priniotakis**, Anastasios Tzerachoglou, Ioannis Chronis, Philippe Lieva Van Langenhove, Tebello Nyokong, Antimicrobial properties of gold and copper-coated textile electrodes produced through electroless deposition, 12th World Textile Conference AUTEX June 13th to 15th 2012, Zadar, Croatia.

43. Priniotakis G., Tzerachoglou A., Yannakopoulos P., Tseles D., Study on the geometrical behaviour of the conductivity of gold coated textiles, International Scientific Conference e RA – 7 The SynEnergy Forum The Conference for International Synergy in Energy, Environment, Tourism and contribution of Information Technology in Science, Economy, Society and Education 27 - 30 September 2012, Piraeus, Greece, (<http://era.teipir.gr>).

44. **G. Priniotakis**, I. Chronis, A. Tzerachoglou, M. Souli, I. Galani, P. Westbroek, Copper coated textiles with potent antimicrobial activity against multidrug-resistant nosocomial pathogens, 13th World Textile Scientific Conference of AUTEX in Dresden of Germany at May 22nd to 24th 2013.

45. **G. Priniotakis**, V. Slavova<sup>1</sup>, S. Petrov, A study on the change of transport and selective properties of ultrafiltration polymer membranes after vacuum metallization with iron-chromium-Nickel alloy, 3rd International Scientific Conference, Innovative solutions for sustainable development of Textiles industry, 24-25 of May 2013 Oradea Romania, Proceedings Volume XIV, ISSN: 1843-....

46. **G. Priniotakis**, D. Tseles, I. Chronis, A. Tzerachoglou, Smart textiles: garment or device? Thessaloniki 6th International Symposium on Flexible Organic Electronics (ISFOE13), 8-11 July 2013, Thessaloniki, Greece

47. I. Mancasi, D. Farima, **G. Priniotakis**, Contributions to diversification of interior textiles production. First part: Comparative study of properties fibers and yarns from 100% renewable bamboo, blended with cotton and cotton 100%, International Symposium in Knitting and Apparel - ISKA 2013, June 21– 22, 2013, ISSN 2069 – 1564 page 37- 43, Iasi, Romania.
48. **G. Priniotakis**, E. Louris. “The prospects of studies of Textile Engineering & Apparel Manufacturing in a Europe without Textile and Garment Industry”, eRA8 23- 25 and SynEnergy Forum September 2013 Piraeus, Greece (<http://era.teipir.gr>)
49. **G. Priniotakis** “The summer workshop of Experimental knowledge in traditional art of weaving in Crete regions” eRA8 and SynEnergy Forum 23- 25 September 2013 Piraeus, Greece (<http://era.teipir.gr>)
50. N. Koklas, **G. Priniotakis**, E. Louris “New Technologies-Challenges for the economic development of Textiles Industry and Apparel Manufacturing in Europe”, eRA8 and SynEnergy Forum 23- 25 September 2013 Piraeus, Greece (<http://era.teipir.gr>)
51. D. Farima, **G. Priniotakis**, Technical Textiles from generated bamboo, eRA8 and SynEnergy Forum 23- 25 September 2013 Piraeus, Greece (<http://era.teipir.gr>)
52. “Disposable nonwoven textiles produced by carding-fold technology”, R. Bulacu, D. Farima, **G. Priniotakis**, I. Mancasi, in eRA-8 and SynEnergy Forum in 23-25 September 2013, Piraeus, Greece (<http://era.teipir.gr>)
53. Accuracy evaluation of a sitting 3D body model for adaptive garment prototyping, T. Kozar, A. Rudolf, S. Jevšnik, A. Cupar, **G. Priniotakis**, Z. Stjepanović, 14th Autex World Textile Conference May 26th to 28th 2014, Bursa, Turkey
54. A new approach to studying and exploring the structure of the weft-knitting knitwear, **G. Priniotakis**, A. Charalambus, 14th Autex World Textile Conference May 26th to 28th 2014, Bursa, Turkey Πρακτικά συνεδρίου, σελ. 55, ISBN 978-605-63112-4-6.
55. Development of the Method of Bleding irregularity evaluation in multicomponent fibres assemblies, D. Ryklin, **G. Priniotakis**, 14th Autex World Textile Conference May 26th to 28th 2014, Bursa, Turkey Πρακτικά συνεδρίου σελ. 64, ISBN 978-605-63112-4-6 .
56. “Interconnection of Smart Wearable Devices and Smart Homes”, C. Petropoulos, C. Kolovos, A. Talavari, A. Fotopoulos, A. Mastragelopoulos, P. H. Yannakopoulos, **G. Priniotakis**, D. Tseles, in eRA-9 and SynEnergy Forum in 22-24 September 2014, Piraeus, Greece (<http://era.teipir.gr>)
57. “Specification of the industry’s necessities in nowadays – the role of Tempus activities to the connection of the industry with the education”, **G. Priniotakis**, D. Tseles,

P. Yannakopoulos, E. Gialinou, M. Sigala in eRA-9 and SynEnergy Forum in 22-24 September 2014, Piraeus, Greece (<http://era.teipir.gr>)

58. “Application Software For Optimizing Of Technological Process In Textile”, F. Ioan, D. Farima, **G. Priniotakis**, in eRA-9 and SynEnergy Forum in 22-24 September 2014, Piraeus, Greece (<http://era.teipir.gr>)

59. “The Analysis Of The Mechanical And Physical Properties Of The Yarns For Performance Sports Socks”, C. Corina, D. Farima, **G. Priniotakis**, R. Budeanu, in eRA-9 and SynEnergy Forum in 22-24 September 2014, Piraeus, Greece (<http://era.teipir.gr>)

60. “The Analysis Of Dynamometric Behavior Of Technical Fabric For Upholstery”, F. Ioan, M. Ciocoiu, D. Farima, **G. Priniotakis**, in eRA-9 and SynEnergy Forum in 22-24 September 2014, Piraeus, Greece (<http://era.teipir.gr>)

61. “Liaison Offices-Good Practices in European Universities-The Case of Liaison Office sec T.E.I. Piraeus, Greece”, M. Kaltsogianni, C. Tsitsis, **G. Priniotakis**, D. Tseles in eRA-9 and SynEnergy Forum in 22-24 September 2014, Piraeus, Greece (<http://era.teipir.gr>)

62. “Cooperation between university and industry. good practices in European countries-The case of Greece”, M. Kaltsogianni, C. Tsitsis, **G. Priniotakis**, D. Tseles in eRA-9 and SynEnergy Forum in 22-24 September 2014, Piraeus, Greece (<http://era.teipir.gr>)

63. Copper-coated textiles with potent antimicrobial activity against methicillin-resistant Staphylococcus aureus, I. Galani, **G. Priniotakis**, K. Orlandou, I. Chronis, A Tzerachoglou, G. Petrikkos, M. Souli, Conference: 24th European Congress of Clinical Microbiology and Infectious Diseases, 10 – 13 May 2014, Barcelona, Spain.

64. Wearable Electronics. The market in the coming years., **Georgios Priniotakis**, Anastasios Tzerachoglou, 20th International Conference Strutex, 1st- 2nd December 2014 Liberec Czech Republic.

65. Wearable Electronics in the next years, **Priniotakis Georgios**, Doble Liliana, Tzerachoglou Anastasios, Tseles Dimitrios, International Conference " Innovative solutions for sustainable development of textile and leather industry " that will be held in Oradea, on 5th May 2015, Oradea Romania, <http://textile.webhost.uoradea.ro/Annals/Vol%20XVI-Nr.%202-2015/Art.nr.115-pag.77-82.pdf>

66. Comparison Analysis in the operation of Liaison offices in EU Countries and the Belarusian countries in the framework of Tempus project “UNITE”, **Georgios Priniotakis**, Dimitrios Tseles, Eleni Gialinou, Ioannis Chronis, Dzmityry Ryklin, Sergey Medvetski, Lieva Van Langenhove, 15th Autex World Textile Conference June 10th to 12th 2015, Bucharest, Romania

67. Lillipad arduino platform for a multifunctional garments and wearables laboratory course, **Georgios Priniotakis**, Ioannis Chronis, Avraam Chatzopoulos, Evaggelos Louris, 15th AUTEX World Textile Conference June 10th to 12th 2015, Bucharest, Romania
68. Intelligent garments for Ex-hospital care, **G. Priniotakis**, I. Chronis, D. Tseles, 8th International Symposium on Flexible Organic Electronics (ISFOE15), 6-9 July 2015, Thessaloniki, Greece.
69. Connecting Greek Higher Education and Industry in the 21st Century: The Case of Liaison Office SEC Piraeus University of Applied Sciences; the present & the future. Maria Kaltsogianni, Tsitsis Christos, Nicolaides George, **Priniotakis Georgios** 9th International Conference: "New Horizons in Industry, Business and Education" (NHIBE) 27 August 2015 Skiathos, , Session 3: Industry and Education / Career Counseling , <http://nhibe2015.vs-net.eu/>
70. Optical method for analyzing of fiber distribution in the structure of nonwoven materials with medical destination, Romulus Bulacu, Daniela Farima, Mihai Ciocoiu, **Georgios Priniotakis**, in eRA-10 and SynEnergy Forum in 23-25 September 2015, Piraeus, Greece (<http://era.teipir.gr>)
71. Connecting Greek Higher Education and Industry: The Case of Liaison Office SEC PUAS & its mutation to Liaison & Technology Transfer Office; the present & the future, Maria E. Kaltsogianni, Christos Tsitsis, George Nicolaides, **Georgios Priniotakis**, Dimitris Tseles, in eRA-10 and SynEnergy Forum in 23-25 September 2015, Piraeus, Greece (<http://era.teipir.gr>)
72. Massive Open Online Courses in HEI, D.Tseles, **G. Priniotakis**, M. Sigala, I. Chronis, in eRA-10 and SynEnergy Forum in 23-25 September 2015, Piraeus, Greece (<http://era.teipir.gr>)
73. Textrodes for on line health monitoring, **Georgios Priniotakis**, Dimitrios Tseles, SCinTE 2015 Conference Programme, Athens 5-7 November 2015
74. Novel Ecommerce Technologies for the Clothing Industry: Fashionphoria - a Social Fashion Platform, Dionysios Vynias, Demetrios Barmparis, **Georgios Priniotakis**, Liliana Doble, Katerina Nikoloulou, International Conference "Innovative solutions for sustainable development of textile and leather industry" Oradea, on 27-28 of May 2016.
75. The interconnected fashion industry - an integrated vision, Euridiki Papachristou, **Georgios Priniotakis**, 17th World Textile Conference AUTEX 2017- - Textiles - Shaping the Future, 29 May 2017 Corfu, Greece
76. Mechanical and Durability Characteristics of externally GFRP reinforced Unsaturated Polyester Polymer Concrete, Hamza Bouguessir, **Georgios Priniotakis**, 17th World Textile Conference AUTEX 2017- - Textiles - Shaping the Future, 29 May 2017 Corfu,

## Greece

77. From the Organic Thin Film Transistor to the 3-D Textile Organic Cylindrical Transistors - Perspectives, expectations and predictions, Evagellos Louris, **Georgios Priniotakis**, 17th World Textile Conference AUTEX 2017- - Textiles - Shaping the Future, 29 May 2017 Corfu, Greece

78. The challenge of producing Textile Organic Electronic Fibres, **G. Priniotakis**, 8<sup>th</sup> International Conference of Textile Research Division, ( [www.trdegypt.org](http://www.trdegypt.org) ) September 25-27 2017, Cairo Egypt, ISBN 1687-2126.

79. Optimizing the geometric characteristics of a fibre-based Textile Organic Field Effect Transistor using TCAD simulation tool, **G. Priniotakis**, E. Louris, 12th Joint International Conference CLOTECH'2017. <http://tekstronika.synology.me/clotech2017.html> October 13th 2017.

80. Effect of weaving patterns on the porosity of woven fabrics, S. Vassiliadis, D. Matsouka, D. Inogamdjano, F. Baert, A. Çay, **G. Priniotakis**, 18th World Textile Conference AUTEX 2018-, 22 June 2018 Istanbul, Turkey.

81. Evaluation of the ultraviolet protection factor (UPF) offered by various knit fabric structures, E Louris, E Sfiroera, **G Priniotakis**, R Makris, H Siemos, C Efthymiou and M N Assimakopoulos <https://aegeanconference.org/content/program>, - IOP Conference Series , 2018.

82. Inventory management concepts and techniques, **G Priniotakis**, P Argyropoulos <https://aegeanconference.org/content/program>, - IOP Conference Series , 2018. <https://iopscience.iop.org/article/10.1088/1757-899X/459/1/012060>

83. The effects of different knitting structure of conductive yarns on electromagnetic shielding effectiveness, **G. Priniotakis**, S. Mytilinaios, S. Moudatsou, C. Zafeiri <https://aegeanconference.org/content/program>, - IOP Conference Series , 2018. [https://www.researchgate.net/publication/329485219\\_Effects\\_of\\_different\\_conductive\\_yarns'\\_knitting\\_structure\\_on\\_electromagnetic\\_shielding\\_effectiveness](https://www.researchgate.net/publication/329485219_Effects_of_different_conductive_yarns'_knitting_structure_on_electromagnetic_shielding_effectiveness)

84. Environmental Durability of Externally Natural Fabrics, reinforced polymer concrete, **G Priniotakis**, H Bouguessir, E Harkati, M Rokbi, S Vassilliadis <https://aegeanconference.org/content/program>. , - IOP Conference Series , 2018 <https://iopscience.iop.org/article/10.1088/1757-899X/459/1/012020/pdf>

85. Development of fibrous materials for shielding of electromagnetic radiation, L. A. Shcherbina, **G. Priniotakis**, I.S. Haradniakova, IOP Conference Series , 2018, <https://iopscience.iop.org/article/10.1088/1757-899X/459/1/012064>

86. Supporting innovation and creativity, through partnerships and inter- and transdisciplinary approaches, and strengthening the role of higher education regionally. The case of TEXSTRA and TEXMODA EU funded projects”, **G Priniotakis**,

International Scientific and Technical Conference “Innovative Technologies in the Textile Industry” **Vitebsk State Technological University, Belarus** 2018.

87. International Conference on Functional Materials, Synthesis and Characterizations 28th Nov to 30th Nov 2019 **Bhubaneswar, ODISHA INDIA**, “Textile Education in Europe. MOOC as life learning program, the case study of TEXMODA” Georgios Priniotakis, Head of Industrial Department and Production Engineering Department, Engineering School, University of West Attica, Athens, GREECE, EUROPE.

88. International Conference on Advances in Textile Materials and Processes [ATMP-2019] December 01-02, 2019, **Swaroop Nagar, Kanpur, India**, “Co-creation as a design based learning tool in textile education. TEXMODA and TEXSTRA project.” Georgios Priniotakis, Head of Industrial Department and Production Engineering Department, Engineering School, University of West Attica, Athens GREECE, EUROPE.

89. International Symposium Recent Innovations and Development in Textiles and Apparel -2019, December 4, 2019, **Bhiwani, India**: Modern Textile Education Platforms in Textile Education, The case study of TEXTRA project and the TEXMODA, Georgios Priniotakis, Head of Industrial Department and Production Department, Engineering School, University of West Attica, Athens GREECE, EUROPE.

90. International Conference on Innovative Textiles on December 6-7, 2019 MLV Textile and Engineering College **Bhilwara INDIA**, “Electronics Textiles/ TEXMODA project” Georgios Priniotakis, Head of Industrial Department and Production Engineering Department, Engineering School, University of West Attica, Athens GREECE, EUROPE.

#### **Referee in Scientific Journals and scientific committee in Conferences**

- Member of Scientific Committee and Keynote speaker for the IV International IZMIR Textile and Apparel Symposium, 29-31 October 2020.
- Member of Scientific Committee and Keynote speaker for the "2nd International Conference on Textile Engineering <https://scientificfederation.com/textile-engineering-2020/index.php#about>” held during October 15-16, 2020 at Lisbon, Portugal
- Member of Scientific Committee in the [AUTEX 2020 World Textile Conference](#) will be organised by 2C2T-Centre of Textile Science and Technology, University of Minho, in Guimaraes, Portugal, on 16-20 June 2020.
- Member of Scientific Committee in the “[ICEUBI2019 – International Congress on](#)



[Engineering – Engineering for Evolution](#)” took place in the Faculty of Engineering of the University of Beira Interior, located in Covilhã, Portugal, 27 - 29 November 2019, [www.iceubi.ubi.pt](http://www.iceubi.ubi.pt)

- Reviewer of the Scientific **Journal of Textile Science & Fashion Technology since 2019**
- Member of Scientific Committee in the 7th edition of the International Conference ITMC'2019 (Intelligent Textiles and Mass Customization) in Marrakech, Morocco, on 13 - 15 November 2019.
- Member of Scientific Committee in, 19th AUTEX World Textile Conference June 10th to 15th 2019, Gent, Belgium.
- Member of Scientific Committee in the 3rd International Conference in Textiles and Clothing will take place in Porto, Portugal, from April 2nd to 4rd 2019,
- Co-Chairman of the Organizing Committee in Aegean Textile and Advanced Engineering Conference, Mytilene GREECE, 5th to 7th September 2018.
- Member of Scientific Committee in, 18th AUTEX World Textile Conference June 10th to 12th 2018, Istanbul, Turkey.
- Member of Scientific Committee in the 2nd International Conference in Textiles and Clothing will take place in Porto, Portugal, from February 28th to March 2nd 2018, in a joint organization of CITEVE – Technological Centre for the Textile and Clothing Industry of Portugal, Associação Selectiva Moda and 2C2T-Centre for Textile Science and Technology of University of Minho ( [www.itechstylesummit.pt](http://www.itechstylesummit.pt))
- Member of Scientific Committee in the 19th NTC 2017, in Sofia Bulgaria, 26-27 October 2017
- Reviewer of the Scientific Journal "Journal of Composite Materials" since 2017
- Reviewer of the Scientific Journal "EMS Engineering science Journal" since 2017
- Reviewer of the Scientific Journal "Indian Journal of Fibre & Textile Research (IJFTR)" since 2017 <http://op.niscair.res.in/index.php/IJFTR>
- Associate Editor in "Current Trends in Fashion Technology & Textile Engineering (CTFTTE)" since 2017. <https://www.juniperpublishers.com/ctfite/editorialboard.php>
- Member of Scientific Committee in ITMC2017, the 6th edition of the International Conference on Intelligent Textiles and Mass Customisation, took place from 16 to 18 October 2017 in Ghent (Belgium). <http://itmc.ugent.be>
- Reviewer of the Scientific Journal "British Journal of Mathematics & Computer Science " since 2017
- Reviewer of the Scientific Journal «Journal of Composite Materials» since 2017.
- Chairman of the Organizing Committee and co-Chairman of Scientific Committee in 17th World Textile Conference Autex 2017, Corfu GREECE, 29th to 31st May 2017.
- Member of committee of E-TEAM postgraduate studies programme.
- Member of Scientific Committee in 6th Romanian Textile and Leather Conference - CORTEP 2016, in Iasi, 27 to 29 of October 2016.
- Member of Scientific Committee in eRA-11 and SynEnergy Forum in 21-23 September 2016, Piraeus, Greece (<http://era.teipir.gr>)
- Member of Scientific Committee in 16th World Textile Conference Autex 2016 took place in Ljubljana - Slovenia, from 8th to 10th June 2016.

- Member of Scientific Committee in the International Conference "Innovative Solutions for sustainable development of textiles and leather industry" organized by the Department of Textiles, Leather and Industrial Management, University of Oradea, Romania, held in Oradea, May 27 and 28, 2016, ISSN 1843 – 813X, On-line ISSN 2457-4880
- Member of Scientific Committee in eRA-10 and SynEnergy Forum in 23-25 September 2015, Piraeus, Greece (<http://era.teipir.gr>)
- Member of Scientific Committee in, 15th Autex World Textile Conference June 10th to 12th 2015, Bucharest, Romania
- Reviewer of the Scientific Journal Annals of the University of Oradea Fascicle of Textiles Leatherwork of Oradea Publishing House, 2015
- Member of Scientific Committee in in eRA-9 and SynEnergy Forum in 22-24 September 2014, Piraeus, Greece
- Member of Scientific Committee in eRA-8 and SynEnergy Forum in 23-25 September 2013 and Chair of CB.4. (<http://era.teipir.gr>)
- Member of Scientific Committee in International Textile Scientific Conference in Sliven Bulgaria at June 28 to 1st July 2013.
- Member of Scientific Committee in 13th World Textile Scientific Conference of Autex in Dresden of Germany at May 22nd to 24th 2013.
- Member of Scientific Committee in International Scientific Conference, Innovative solutions for sustainable development of Textiles industry, 24-25 of May 2013 Oradea Romania, Proceedings Volume XIV, ISSN: 1843--813X
- Reviewer of the Scientific Journal Annals of the University of Oradea Fascicle of Textiles Leatherwork of Oradea Publishing House, 2012
- Member of Scientific Committee in International Scientific Conference, Innovative solutions for sustainable development of Textiles industry, 1-4 June 2012 Oradea Romania, Proceedings Volume XIII, ISSN: 1843-813X
- Member of Scientific Committee in International Scientific Conference, "Technical Textiles Present and Future" Iasi Romania 21-22 October 2011, <http://simpozion.tehnologiasidesignulproduselortextile.ro/index.html>
- Member of Scientific Committee in International Scientific Conference, Innovative solutions for sustainable development of Textiles industry, 27-28 May 2011 Oradea Romania, Proceedings Volume XII, ISSN: 1843-813X <http://textile.webhost.uoradea.ro/Annals/Vol%20XII-Nr%202-2011.pdf>
- Reviewer of the Scientific Journal "Transactions of the Institute of Measurement and Control" since 2010.
- Member of Scientific Committee in eRA-5 and SynEnergy Forum in 15-18 September 2010 and Chair in Electrical Session
- Reviewer of the Scientific Journal "Applied Polymer Science" since 2009.
- Member of Scientific Committee in eRA-4 and SynEnergy Forum-2 in 24-26 September 2009 and Chair in Electrical Session
- Member of Scientific Committee of the", 2nd International Scientific Conference Textiles of the Future Kortrijk – Belgium, 13 - 15 November 2008,
- Reviewer of the Scientific Journal "Textile Research Journal" since 2008.

- Reviewer of the Scientific Journal “Journal of Applied Electrochemistry” since 2004.

### **Recruitment External Evaluator**

1. External reviewer regarding the recruitment of Biträdande universitetslektor inom textilteknologi, dnr PA 2019/412, Högskolan i Borås, 501 90 BORÅS 03/2020
2. *National Textile University, Faisalabad, 2017*
- 3.

### **PhD External Evaluator**

1. Gent University Belgium, PhD Applicant Tamara Van Camp, PHD in TEXTILE ENGINEERING, Nanofibrous Structures for Medical Applications, 2009.
2. UPV Universitat Politècnica de València, PhD Applicant Felipe Nicolas Vitero Perez, PHD IN TEXTILE ENGINEERING, Thesis: Aplicación de métodos de electro-generación de cloro activo al blanqueo de tejidos de algodón, 2018.
3. Carbonized Fibre-Ceramic Composites as Joule Heating Tiles by Daiqi Li, Deakin University, December 2019
4. Kumaraguru College of Technology. Coimbatore. India, PhD Applicant GTV PRABU, Design And Development Of Profiled Multi-Pin Electrospinning Set-Up To Produce Nanofibre& Nanocomposites And Evaluate Their Application In Agriculture, Feb 2020

### **Professional memberships**

- Expert member of EU-AID for Bosnia-Serkovina delegated for 15 days in the country to investigate the needs for reconstruction of the Industry of Bosnia-Serkovina after the civil war. (7/2002)
- Expert member of EU-AID for Bosnia-Serkovina delegated for 12 days in the country to consultatory the modernization of the curriculum of the University of Bagna-Luca. (6/2003).

### **Participation in Research and Education Projects**

1. COMETT "EUROTEX", (1990-1995). Project intended for student and academic staff mobility and also for the development by writing a number of monographs covering almost all the sectors of textiles.
2. COMETT Textile "TEAMS" (09.92-06.95), Program for developing 8 modules for “Training and Education of Advanced Management Strategies” in textile industries. Module: “Implementation of new Technologies”.
3. ADAPT (1996-1997) Clustering of focused to enforce the European transnational commerce through the adaptation in new technology and the needs of current European Market
4. E.P.E.A.E.K. 1998-2000. Reformation and modernization of the analytical

Educational program of the Department of Textile Engineering of T.E.I. of Piraeus, responsible for the research relating the educational needs and standardization according to international in the field of Textile and Garments Manufacturing Industries.

5. ADAPT "COSTEX" No 193/221 (01.98-12.2000), Cost reduction in the sector of textiles and clothing“..

6. LEONARDO "EduSpin" (developing modules for Education in Spinning), 1997-2000.

7. SOCRATES - ERASMUS "E-TEAM": European Textile Engineering Advanced Master".

8. TEMPUS - TACIS: PRE-JEP No 3123-96 (01.1997- 12.1997) "Modernization and adaptation of the higher textile educational system of Uzbekistan, to meet the new market needs".

9. TEMPUS - TACIS: JEP No 10338-97 (01.998- 09.2001) " Modern –Texted

10. LEONARDO 2000 "Temptex". Production of educational material in a digital form for distance learning in the spinning sector.

11. LEONARDO 2000 "Advottex" (Advanced Vocational Training in Textiles).

12. E.P.E.A.E.K. 2000-2003. Deputy Head of the Project of broaden of Textile Engineering Department of T.E.I. of Piraeus under the financial support of of Ministry of Education of GREECE.

13. PYED (Program of support research activities)- TEI of Piraeus academic year 2000-1: " Design and Construction of an Improved Apparatus for Measuring the Water Permeability Vertically to the Surface of Geotextiles ".

14. PYED (Program of support research activities)- TEI of Piraeus academic year 2000-1: " The effects of neoprene fabric ageing to the thermo insulate properties of underwater uniform activities ".

15. MEDA TURKEY– (2002-2004) Vocational Training in the Clothing Sector in Turkey  
MEDA TURKEY– Vocational Training in the Clothing Sector in Turkey

16. E.P.E.A.E.K. (2004-2006). Head of the Project of restructuring the curricula of Textile Engineering Department of T.E.I. of Piraeus under the financial support of of Ministry of Education of GREECE

17. EQUAL A.Σ. ΕΠ-ΕΝΔΥΣΗ, GR-232267 Qualification against exclusion from the job market «Network adjustment and restructuring of system production and working in clothing sector»

18. LEONARDO 2008-2010 "Innovation Transfer in Textiles Life long Learning Programme" 2008-1-GB2-LEO05-00214.

19. PYED (Program of support research activities)- TEI of Piraeus academic year 2009-10: "Development of conductive sewing threads using experimental laboratory device".

20. PROCOTEX, Products of coated textiles, Programme "PEOPLE" – International Research Staff Exchange scheme, Call ID "FP7-PEOPLE-2009-IRSES" – Grant Agreement Number 247265, 2009-2012.

21. ARCHIMEDES, Development of an Integrated Electronic Wearable System for measuring and wireless transmission of biological signals, Acronym: ESTHIS (Electronic Sensoring Through High – tech fabrics Intelligent Systems), 2011-2014

22. TEMPUS-JPHES -544390-TEMPUS-1-2013-1-GR- entitled University and Industry for the modernization of textile manufacturing sector in Belarus AGREEMENT NUMBER -

2013 - 5031 / 001 - 001 Project reference number - 544390-TEMPUS-1-2013-1-GR-TEMPUS-JPHES, 01-12-2013 till 30-11-2015, (Coordinator).

23. ERASMUS+ Programme - KEY Action 2 (KA2) Textile and Clothing Knowledge Alliance. Future textile and clothing managers for export, marketing, innovation, sustainability and entrepreneurship oriented companies” 554167-EPP-1-2014-1-IT-EPPKA2-KA

24. KA2 Strategic Partnership Project, “Advanced Technologies for Textile and Fashion Industry”, Acronym: TEXMODA, Agreement n° [ 2017-1-LT01-KA203-035160 - 997755193] [www.texmoda.eu](http://www.texmoda.eu)

25. Key Action 2 - Strategic Partnerships for higher education, Call 2017 -2020 Project "Textile Strategy for Innovative Higher Education”, Acronym: TEXSTRA, Agreement no [201 7-1-RO01-KA203 -037289] [www.texstra.eu](http://www.texstra.eu)

26. 5/2018 - Today: COST Action Management Committee COST Action CA17107, COST Association European Network to connect research and innovation efforts on advanced Smart Textiles (CONTEXT) <https://www.cost.eu/actions/CA17107/#tabs|Name:overview>

27. ERASMUS PLUS, Capacity building 598347-EPP-1-2018-1-ES-EPPKA2-CBHE-JP Coordinator: Universitat Politecnica de Catalunya (UPC), Spain, Fostering innovation in the Jordan and Moroccan textile industry – FOSTEX <http://fostexproject.eu/>

28. 600834-EPP-1-2018-1-MT-EPPKA2-KA (DIFME), Digital Internationalisation and Financial Literacy Skills for micro entrepreneurs, Coordinator: MALTA BUSINESS BUREAU, 2018 -2021, <http://difme.eu/>

29. ERASMUS+ Higher Education – International Capacity Building, SMARTEX Project: 610465-EPP-1-2019-1-EL-EPPKA2-CBHE-JP Coordinated by Prof. Georgios Priniotakis University of West Attica GREECE, [www.smartexproject.eu](http://www.smartexproject.eu)

TCREP, EAC/A03/2018 - Knowledge Alliances Erasmus + Programme - Key Action 2 (KA2) – Cooperation for innovation and the exchange of good practices, Agreement N°: 612641 Project Ref.: 612641-EPP-1-2019-1-BE-EPPKA2-KA Coordinated by Prof. Lieva Van Langenhove UNIVERSITEIT GENT, Belgium, [www.t-crepe.eu](http://www.t-crepe.eu)

30. ERASMUS+ Higher Education – International Capacity Building, WINTEX Coordinated by Universitat Politecnica De Catalunya, Barcelona, [www.wintexproject.eu](http://www.wintexproject.eu)

### **Research Interests**

1. 1991. Research for the action of Cellulase Enzymes on Cotton (Research for a Master of Science degree)
2. 1992. Research in the area of implementation in new technologies in Textile and Garment Manufacturing in Europe (Research financed by the EU)
3. 1993 Research for the Use of Neural Networks and Genetic Algorithms for the evaluation of investments in new technology in Textile and Clothing Industries.
4. 1995 Research for the detection and removal of foreign materials in cotton and wool during the spinning process (Research financed by the EU Brite - Euram Project)

5. 1995 Research for the use of electronic networks from the textile Industries for education and business purposes
6. 1996 Research for the creation of a multimedia package for textile education. (Research held in Gent Universiteit- Belgium)
7. 1996 Research for the success of Pre Advertisement Policy in Clothing Industry in Greece.
8. 1998 Research in the area of the strengthening of thin walls in buildings with the involvement of class fibers in the frame of Architectural Textiles.
9. 1998-2000 Research in the area of implementation of Quick Response Manufacturing in Textile and Garment Manufacturing in Europe. (Research financed by the EU).
10. 1999 Research for the development an apparatus for measuring the water permeability in Geotextiles according to the international standards.
11. 1999 Research for the adaptation of the Electronic Data Interchange in Textile and Clothing Manufacturing Industry in Greece.
12. 2001 Research in the effect of ageing of neoprene composites fabrics in heat-insulating properties using for underwater activities.
13. 2002 Research in the effect of fitting in forms made for Neoprene for underwater activities concerning the heat-insulating properties.
14. 2002 Research in the knitting thread's stretch at the float stitch with elasticity of elongation
15. 2003 Research in the modeling of electrochemical properties of conductive fibers in sensors for medical uses.
16. 2005. A sensor system for diagnosis of mucoviscidosis, incontinence detection and as early warning system for diabetes patients.
17. 2008 Research in the process of coating with metals in order to make conductive yarns and fabrics.
18. 2009. Research for development of conductive threads for data transfer through the surface of a garment.
19. 2013. Research of antibacterial textiles using copper coatings
20. 2014-7. Research on growth of nanostructured zinc oxide on fabrics for e-textile applications

### **Professional memberships**

Ex- ATI (Associate Member of Textile Institute). Membership no: 0020468

Ex-Vice President of Hellenic Union of Greek Textile Technologists

### **Languages**

Fluent in English, French, conversant in German and Dutch.