

CURRICULUM VITAE

IOANNIS C. CHRONIS

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Education

- University of Patras, Faculty of Chemical Engineering, Intergrated Master in “Chemical Engineer” (Grade: Very Well-6.73)
- Donau Universitat Krems (Austria), June 2004, “Master in Telematics Management”
- Greek Open University, 2010, Master of Science “ Studies in Education” (Grade: Very Well - 7.02)
- University of West Attica, Electrical and Electronic Engineering department, Ph D candidate 2019- now

Work Experience

University of West Attica, Educational Laboratory staff, Laboratory of Electrochemistry and Materials, (2011-now)

Free Lancer, Chemical Engineering, Safety and environmental services (2003-now)

Business Safety SA, Health and Safety Services, Scientific Responsible for Safety Engineers (2008-today)

Technological Educational Institute of Piraeus, Laboratory of Thermodynamics, Part time lecturer-Laboratory assistant (2006-2011), Laboratory of Systems Design and Manufacturing, Part time lecturer_Laboratory assistant (1998-2005)

Athina Ergani, Health and Safety Services , Scientific Responsible-Safety Director (2005-2008)

IRM risk management, senior consultant (2003-2005)

Athina Ergani , Safety Engineer for various companies (2003-2005)

Motor Oil Hellas Corinth Refineries (1993 - 2003), as:

- Safety Engineer (1998 - 2003)
- Technical Services Engineer (1995-1998)
- Production Engineer in Fuels Production Department (1993-1995)

Roi A EVE (1992-1993) as a Sales Engineer.Roi A EVE is a company that sells pumps.

Greek S.A. of Chemical Products and Fertilizers (1987), as a practicing student.

Relevant Experience:

Chemical Process Safety,

HAZOP, Motor oil Refinery, lubes complex revamping 1997

HAZOP Motor oil Refinery new topping unit 2002

ATEX, Motor oil Refinery, area classification for all the new projects, 1998-2003

ATEX, Flour mill installation, 2009

ATEX, printing unit 2015

SEVESO report for compliance of Motor oil Refinery to SEVESO II in 1998, technical annex to authorities for Jotun warehouse (paints, solvents) 2017, technical annex to authorities for Houmas SA (lead smelting) 2017

SEVESO III directive, report on affiliation for chemicals warehousing installation, 2018

European Projects

- T-CREPE, Textile Engineering for Co-creation Paradigms in Education, ERASMUS+, 612641-EPP-1-2019-1-BE-EPPKA2-KA
- FOSTEX, Fostering innovation in the Jordan and Moroccan textile industry; project reference number 598347-EPP-1-2018-1-ES-EPPKA2-CBHE-JP, co-funded by Erasmus+
- DIFME, Digital Internationalization and Financial Literacy Skills for Micro Entrepreneurs, ERASMUS +, 600834-EPP-1-2018-1-MT-EPPKA2-KA
- TEXSTRA, TEXTILE STRATEGY FOR INNOVATIVE HIGHER EDUCATION", ERASMUS +, 2017-1-RO01-KA203-037289
- TEXMODA, Advanced Technologies for textile and Fashion Industry, ERASMUS +, 2017-1-LT01_KA203-035160
- TECLO, Textile and Clothing Knowledge Alliance, Erasmus +, KA2 Knowledge Alliances programme, 2014-2016
- Procotex Products of Coated Textiles, European Union funded project: PEOPLE, MARIE CURIE ACTIONS, International Research Staff Exchange, member of the research team
- Ensuring Safety for the Young Workforce, 2003-2004, European Organization for Health and Safety at Work (Bilbao, Spain).
- Leonardo da Vinci ELITE 2004-2006: Telework for SME's . The project aims at launching telework for SME's in Europe and is implemented with partners from Italy, Spain, Hungary, Slovakia and Greece (TEI of Piraeus).
- ENTER 2004, General Secretary of Research and Development, Greek ministry of Development, "Interconnection of age group 40-60 years old, with the ICT, in the framework of the LifeLong Learning Institutes in Greece"
- ENTER 2004, General Secretary of Research and Development, Greek ministry of Development, "Smart textiles for telematic applications"

Papers in Scientific Journals :

- Chronis, I., Kalogeropoulou, S., Psomopoulos, C.S. A review on the requirements for environmentally friendly insulating oils used in high-voltage equipment under the eco design framework. *Environ Sci Pollut Res* (2020). <https://doi.org/10.1007/s11356-020-09601-7>
- Anne Schwarz, Jean Hakuzimana, Anna Kaczynska, Jędrzej Banaszczyk, Philippe Westbroek, Eric McAdams, Gillian Moody, Yiannis Chronis, Georgios Priniotakis, Gilbert De Mey, Dimitris Tseles, Lieva Van Langenhove, Gold coated para-aramid yarns through electroless deposition, *Surface & Coatings Technology*, volume 204, Numbers 9-10, 25 January 2010, pp 1412–1418

Announcements in Conferences with peer review

- G. Tarousinof, I. Chronis and C.S. Psomopoulos, End-of-Life High Voltage Measuring transformers. Materials recovery and recyclability evaluation for the 150kV Transmission network, 8th International Conference on Environmental Management, Engineering, Planning and Economics (CEMEPE 2021) and SECOTOX Conference, Thessaloniki, Greece.
- Chronis and C. S. Psomopoulos, Environmental impact of Nano-modified insulating oils in electrical transformers, 8th International Conference on Environmental Management, Engineering, Planning and Economics (CEMEPE 2021) and SECOTOX Conference, Thessaloniki, Greece.
- C.S. Psomopoulos, D A. Barkas, Charalampopoulos C. and I. Chronis, Potentially Recyclable and Hazardous Materials Produced by Recycling European Distribution Transformers at the End of Life in the Years 2020-2030, TMREES21, May, 28 to 30 to 16, 2021, Athens – Greece
- Chronis, S. Kalogeropoulou, C. Psomopoulos, Natural esters as transformers' oils. Current status and future trends and developments, 30th CIGRE National Conference, Athens 29 November, 2020
- Chronis, S. Kalogeropoulou and 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. 7th CEMEPE and SECOTOX Conference, Mykonos Greece, 19-24 May 2019.
- C. S. Psomopoulos, K. Kalkanis, K. Kiskira, S. Metaxa, S. D. Kaminaris, G. Ioannidis and I. Chronis, A review of the environmental impacts following major recent catastrophic incidents in the energy industry, 7th CEMEPE AND SECOTOX Conference, Mykonos Greece, 19-24 May 2019.
- DETERMINATION OF SURFACE RESISTANCE OF CONDUCTIVE FABRIC USING VAN DER PAUW METHOD Georgios Priniotakis, Christos Koutsogiorgis, Dimitrios Tseles, Ioannis Chronis, AUTEX 2016 16TH WORLD TEXTILE CONFERENCE, LJUBLJANA, SLOVENIA, 8-10 JUNE 2016
- GROWTH OF NANOSTRUCTURED ZINC OXIDE ON FABRICS FOR E-TEXTILE APPLICATIONS Eleni Makarona , Theonymfi Kyrasta, George Priniotakis , Ioannis Chronis , Christos Tsamis, AUTEX 2016 16TH WORLD TEXTILE CONFERENCE, LJUBLJANA, SLOVENIA, 8-10 JUNE 2016
- Georgios Priniotakis · Ioannis Chronis · Avraam Chatzopoulos · Evaggelos Louris, LILIPAD ARDUINO PLATFORM FOR A MULTIFUNCTIONAL GARMENTS AND WEARABLES LABORATORY COURSE, JUNE 2015, Conference: AUTEX 2015 15TH WORLD TEXTILE CONFERENCE, BUCHAREST, ROMANIA
- D. Tseles, G. Priniotakis, I. Chronis, Intelligent garments for Ex-hospital care, JULY 2015, Conference: ISFOE 15, Salonica, Greece
- Smart textiles: garment or device?, G. Priniotakis¹, I. Chronis, A. Tzerachoglou, Tseles Dimitrios, 6th International Symposium on Flexible Organic Electronics (ISFOE13), 8-11 July 2013, Thessaloniki, Greece
- K. Diamanti, I. Chronis, Z. Nivolianitou. C. Caroni, Application of REACH Legislation on the use of hazardous substances in the wood and furniture Industry in Greece (poster presentation), XIX world congress health and safety at work, 11-15 September 2011, Istanbul
- Galani , G. Priniotakis , K. Orlandou , I. Chronis , A. Tzerachoglou , G. Petrikkos , M. Souli, Copper-coated textiles with potent antimicrobial activity against methicillin-

resistant *Staphylococcus aureus*, May 2014, 24th European Congress of Clinical Microbiology and Infectious Diseases, At Barcelona, Spain

- An. Tzerachoglou, E. Kapsalis, I. Chronis, G. Priniotakis, G. Pikoulis, L. Karabarpas, D. Piromalis, D. Tseles, Gold Coated Textile Electrodes for Wearable Biopotential Monitoring Systems Fibermed11, International Conference on Fibrous Products in Medical and Health Care, June 28-30 2011, Tampere, Finland
- Chronis I, Anthi Karantrantou, “Interactive Multimedia Educational Activities in Open and Distance Learning. A case study for Health and Safety at Work”, eRA 5-Synenergy Forum conference, 15-18 September 2010, Athens, Greece
- G. Priniotakis, A. Tzerachoglou, I. Chronis, E. Kapsalis, A. Peppas, D. Tseles “Development of conductive sewing threads using experimental laboratory device”, eRA 5-Synenergy Forum conference, 15-18 September 2010, Athens, Greece
- Chronis, I., Safety aspects of management change in the process industry, 4th International Conference “Prevention of Occupational Accident in a Changing Work Environment”, 30/9-3/102008. Hersonisos, Kreta, Greece
- Chronis, A. Tzerachoglou, D. Piromalis “Environment Attitude of Car Painter Workshops Owners” Synenergy Forum, Spetses, Greece, 28-31 May 2008
- E. Trianti, Y. Chronis, “Environment Education for Children aged 10-12” , Synenergy Forum, Spetses, Greece, 28-31 May 2008
- Chronis, A. Tzerachoglou, D. Piromalis “Safety of hydrogen as Auto motion fuel” , poster, Synenergy Forum, Spetses, Greece, 28-31 May 2008
- Ilavska A, Chronis I.. “Correlation Between Maturity and Marketing” International Conference "Marketing and Trade 2007", Zvolen, Slovakia,
- P. Westbroek, G. Priniotakis, Y. Chronis, D. Tseles “Metallization of synthetic fibres by nickel” , 2nd eRA conference, Athens, Greece, September 2007
- D. Piromalis, D. Tseles, G. Priniotakis, I. Chronis, V. Kapsalis Smart Vest?: Embedded Communication and Data Acquisition Functions Using Conductive Textile Materials for Security Guards”, 2nd eRA conference, Athens, Greece, September 2007
- D. Piromalis, D. Tseles, G. Priniotakis, I. Chronis, V. Kapsalis “Real Time Monitoring of the Physiological and Location Data from Parachutists Soldiers”, 2nd eRA conference, Athens, Greece, September 2007
- Ioannis Chronis, George N. Prezerakos, An overview of Computer Supported Cooperative Work for Small and Medium Enterprises, eRA 1st conference, Tripolis, Greece, September 2006
- S Gezerlis, D. Zervoudakis, A. Tzerachoglou, I. Chronis D. Tseles, Critical Issues in Developing a Secure Patient Management System (EMR), eRA 1st conference, Tripolis, Greece, September 2006,

Conference Committee member

Member of Executive Committee, Seveso 2000 European conference risk management in the European Union of 2000: The challenge of implementing Council directive 96/82/EC "SEVESO II": 10-12 November 1999 Athens

Foreign Languages: English. very fluent orally and in writing, First Certificate in English (University of Cambridge)