

CURRICULUM VITAE

Dr. Andreas Poullikkas, PHD, DTECH, FIET

Cyprus Energy Regulatory Authority

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Personal information

Born in Nicosia-Cyprus, Nov 1967; Cypriot citizen.
Marital status: married with a daughter.
Languages: Greek (native), English.
Completed military service (July 1985–Sep 1987).

Current positions

2015-present *Chairman*, Cyprus Energy Regulatory Authority • Appointment by the President of Cyprus

Appointments held

2014-2018 *Chairman*, Cyprus Energy Strategy Council • Appointment by the President of Cyprus

2014-2015 *Professor of Power Systems and Department Chair*, Department of Electrical Engineering, Computer Engineering and Informatics, Cyprus University of Technology • Overall responsibility for the administration of the department and staff appraisal, teaching, researching

2014-2015 *Member of the Board of Directors*, Natural Gas Public Company (DEFA), Cyprus • Appointment by the Cyprus Council of Ministers

2012-2014 *Visiting Associate Professor*, Department of Mechanical Engineering, American University of Sharjah, UAE • Teaching, researching

2008-2012 *Visiting Associate Professor*, Department of Electrical Engineering, University of Cyprus • Teaching

2005-2009 *Visiting Associate Professor*, Harvard School of Public Health, Harvard University, USA • Teaching

2004-2014 *Assistant Manager*, Electricity Authority of Cyprus • Founder and Director of the Research and Development Department

2000-2007 *Visiting Associate Professor*, Department of Mechanical Engineering, Frederick University, Cyprus • Teaching

2000-2004 *Shift Charge Engineer*, Electricity Authority of Cyprus • Overall responsibility for the safe and economic operation of Vasilikos power station

1997-2000 *Assistant Shift Charge Engineer*, Electricity Authority of Cyprus • Responsibility for the safe and economic operation of Dekeleia power station

1995-1997 *Assistant Mechanical Engineer*, Electricity Authority of Cyprus

1993-1995 *Head of the Department*, Department of Mechanical Engineering, Frederick Institute of Technology, Cyprus • Overall responsibility for the administration of the department and staff appraisal, lecturing and researching

1991-1992 *Assistant Lecturer*, Department of Mechanical Engineering, Loughborough University, UK • Lecturing and responsible for laboratories supervision

Education

2013 **DTech** (Doctor of Technology) in Mechanical Engineering, Loughborough University, UK • The Higher Doctorate Degree, DTech, have been conferred in recognition of published work constituting a sustained, substantial and original contribution to knowledge. The Higher Doctorate Degree, DTech, was awarded solely on the basis of published work of high merit in the field of research of

energy policy and optimization of energy systems (with emphasis on renewable energy technologies) in which Dr. Andreas Poullikkas is engaged

1995-1998 **PhD** (Doctor of Philosophy) in Mechanical Engineering, Loughborough University, UK • Thesis title: *The Method of Fundamental Solutions for the solution of elliptic boundary value problems*, Supervisors: Prof. J. Ascough, Loughborough University, Prof. A. Karageorghis and Prof. G. Georgiou, University of Cyprus, External examiners: Prof. G. Fairweather, Colorado School of Mines and Prof. J. Mason, Huddersfield University

1991-1992 **MPhil** (Master of Philosophy) in Mechanical Engineering, Loughborough University of Technology, UK • Thesis title: *Two-phase flow and cavitation in centrifugal pumps*, Supervisor: R.K. Turton, Loughborough University of Technology, External examiner: T. Salisbury, Girdlestone Pumps Ltd

1989-1991 **BEng Hons** (Bachelor of Engineering) in Mechanical Engineering, Loughborough University of Technology, UK • Final year project title: *Disk friction study*, Supervisor: R.K. Turton, Loughborough University of Technology

Professional affiliations

- FIET (Fellow of the Institution of Engineering and Technology)
- Member of the Scientific Technical Chamber of Cyprus in Mechanical Engineering (ETEK)

Areas of specialization

ENERGY SYSTEMS

Power plants • Renewable energy sources • Distributed generation • Carbon capture and storage • Computational energy economics • Power economics • Energy Policy • Desalination economics • Emissions inventory

NUMERICAL SOLUTION OF PARTIAL DIFFERENTIAL EQUATIONS

Problems with boundary singularities • Problems with free surface • Method of Fundamental Solutions

CENTRIFUGAL PUMPS

Hydraulic design • Two phase flow pumping • Cavitation • Disc friction losses • Nuclear power safety • Loss of coolant accident

Honors & awards

2019b Recipient of *Outstanding Contribution as a Keynote Speaker Award*, from International Conference on Innovative Applied Energy (IAPE' 19), Oxford, UK

2019a Recipient of *Best Plenary Speech Award*, from Global Summit on Power & Energy Engineering, Dubai, UAE

2018 Recipient of *Award of Excellence*, from Rochester Institute of Technology (RIT), NY, USA, in recognition of the contribution to the energy sector (during the Energy Summit held in RIT Dubai)

2016c Recipient of *Certificate of Outstanding Contribution in Reviewing in Renewable and Sustainable Energy Reviews*, from Elsevier, in recognition of the contribution to the quality of the journal

- 2016b Recipient of *Certificate for Highly Cited Research in Sustainable Energy Technologies and Assessments*, from Elsevier, in recognition of the contribution to the quality of the journal
- 2016a Recipient of *Award of Academic Excellence*, from Cyprus University of Technology, in recognition of research, teaching and scholarly contribution to the Cyprus University of Technology
- 2014b Recipient of *Sharjah Islamic Bank Research Awards, 3rd Prize*, for the research work on “Prospective Scenarios for the Adoption of Sustainable Power Generation Technologies in United Arab Emirates”
- 2014a Recipient of *Award of Excellence*, from Electricity Authority of Cyprus, in recognition of scientific contribution to the international literature
- 2013 Recipient of *Award of Outstanding Performance and Lasting Contribution to the Mechanical Engineering Department of the American University of Sharjah*, from the American Society of Mechanical Engineers
- 2011 Recipient of *Award of Scientific Contribution*, from IET Cyprus Network, in recognition of scientific contribution to Cyprus and international literature
- 2010 Recipient of *Award of Excellence*, from Electricity Authority of Cyprus, in recognition of scientific contribution to Cyprus and international literature
- 2009 Recipient of *Award of Merit*, from Cyprus Association of Technical Engineers, in recognition of scientific contribution to Cyprus and international literature
- 2007 Recipient of *Award for Highly Cited Research in Renewable and Sustainable Reviews*, from Elsevier, in recognition of the contribution to the quality of the journal
- 1999 Grant recipient from European Union; to attend the course on *Sustainability assessment of water desalination technologies* at Instituto Superior Tecnico, Portugal
- 1989b Recipient of a *2-Year scholarship* from Electricity Authority of Cyprus • Undergraduate studies
- 1989a Recipient of a *3-Year scholarship* from Cyprus Petroleum Refineries Ltd • Undergraduate studies

Research actively involved and funds

- 2017-2019 Horizon 2020, European Union, Grant agreement No: 774407, *All integrated platform for increased flexibility in smart transmission grids with storage entities and large penetration of renewable energy sources (FLEXITRANSTORE)*, funding €21.693.181 • Scientific person in charge
- 2014-2015 Cyprus University of Technology, Internal Grant, *The first step towards a 100% renewable power system for Cyprus (CY100RES)*, funding €40.000 • Principal investigator
- 2013-2014 American University of Sharjah, Sustainable Energy Initiative Fund, *Development of a solar based polygeneration energy system for commercial buildings*, funding €35.000 • Member of the research team
- 2010-2014 Seventh Framework Program of Research and Development, European Union, Grant agreement No: FP7-ENERGY-2010-1/256797, *The development and verification of a novel modular air cooled condenser for enhanced concentrated solar power generation (MACCSol)*, funding €4.100.000 • Scientific person in charge
- 2011-2013 Cyprus Planning Bureau, *Pilot project for the integration of solar thermal technologies with desalination (HPHN)*, funding €1.295.000 • Scientific person in charge
- 2008-2011 Seventh Framework Program of Research and Development, European Union, Grant Agreement No 219055, *Pilot Demonstration of eleven 7MW-Class WEC at Estinnes in Belgium (7MW-WEC-by-11)*, funding €3.270.286 • Scientific person in charge

- 2007-2011 Sixth Framework Program of Research, Development and Demonstration, European Union, Contract No 038665, *Grid reliability and operability with distributed generation using transportable storage (GROW-DERS)*, funding €1.269.500 • Scientific person in charge
- 2008-2010 Cyprus Planning Bureau, *Development of a concentrated solar power on demand technology integrated with desalination system (CSP-DSW)*, funding €4.000.000 • Scientific person in charge
- 2007-2009 Sixth Framework Program of Research, Development and Demonstration, European Union, Contract No 031569, *Promotion and consolidation of all RTD activities for renewable distributed generation technologies in the Mediterranean region (DISTRES)*, €1.000.000 • Principal investigator
- 2006-2009 Sixth Framework Program of Research, Development and Demonstration, European Union, Contract No SES6-2006-019972, *Carbon dioxide capture and hydrogen production from gaseous fuels (CA-CHET)*, funding €3.000.000 • Scientific person in charge
- 2004-2009 Sixth Framework Program of Research, Development and Demonstration, European Union, Contract No SES6-CT-2003-503516, *The birth of a European distributed energy partnership that will help the large-scale implementation of distributed energy resources in Europe (EU-DEEP)*, funding €16.000.000 • Scientific person in charge
- 2005-2008 Research Promotion Foundation, Cyprus, Contract No TEXNO/1104/10, *Development of an on-line partial discharge monitoring system (KOPONA)*, funding €111.150 • Scientific person in charge
- 2004-2007 Research Promotion Foundation, Cyprus, Contract No TEXNO/0603/03, *Development of hydrogen-fuel cell distributed generation technology (H₂/KYΨEΛEΣ)*, funding €128.000 • Principal investigator
- 2004-2006 Research Promotion Foundation, Cyprus, Contract No TEXNO/0603/10, *Development of an industrial lean H₂ DeNO_x technology (YAPONOX)*, funding €128.000 • Scientific person in charge
- 2002-2006 Fifth Framework Program of Research, Development and Demonstration, European Union, Contract No ENK5-CT-2001-00536, *Cluster pilot project for the integration of RES into European Union energy sectors using hydrogen (RES₂H₂)*, funding €2.500.000 • Scientific person in charge
- 2002-2005 Fifth Framework Program of Research, Development and Demonstration, European Union, Contract No ENK5-CT2002-00668, *Mixed air-steam turbines using liquid fuels (MAST B LIQUID)*, funding €1.400.000 • Scientific person in charge
- 2002-2003 Fifth Framework Program of Research, Development and Demonstration, European Union, Contract No ENK5-CT2000-00063, *Combined cycle power plant with integrated low temperature (LOTHECO)*, funding €200.000 • Scientific person in charge

Software development

- 2000-2006 IPP Algorithm v2.1, Software for power technology selection in competitive electricity markets (technical, economic and environmental analysis), ©2000-2006.
- 2002-2004 CAPSE algorithm, Optimization software for the short term calculation of electricity unit cost from power systems, ©2002-2004.
- 1999-2004 CAROC algorithm, Optimization software for the calculation of water unit cost from reverse osmosis desalination plants, ©1999-2004.

Journal Associate Editor

- 2013-present *Journal of Power Technologies* • Associate Editor • URL: <http://www.journals.jpt/>

Journal Section Editor

2018-present *Current Alternative Energy* • Section Editor: Fusion • URL: <https://journals/cae/>

Editorial boards

- 2017-present Member of the Editorial Board of the *Journal of Renewable Energy Sources–Technology, Business and Policy* • URL: <http://www.jrestbp/>
- 2015-present Member of the Editorial Board of the journal *Sustainable Energy Technologies and Assessments* • URL: <http://www.journals.seta/>
- 2013-present Member of the Review Board of the journal *Frontiers in Energy Systems and Policy* • URL: <http://www.journals.esp/>
- 2013-present Member of the Editorial Board of the *American Journal of Engineering Science and Technology Research* • URL: <http://www.journals.ajestr/>
- 2013-present Member of the Editorial Advisory Board of the *International Journal of Energy and Environment* • URL: <http://www.journals.ijee/>
- 2012-present Member of the Editorial Board of the journal *Conference Papers in Energy* • URL: <http://www.journals.energy/>
- 2012-2013 Guest Editor to the *International Journal of Sustainable Energy*
- 2012-2013 Guest Editor to the journal *Conference Papers in Energy*
- 2006-2013 Member of the Review Board of the *Scientific Journals International* • URL: <http://www.scientificjournals.com/>
- 1992-1995 Member of the Editorial Board of the journal *Mechanical News*

Refereeing

SERVED AS A REFEREE FOR JOURNALS

AIMS Energy • Applied Energy • Applied Thermal Engineering • ASME Journal of Dynamic Systems, Measurement and Control • ASME Journal of Fluids Engineering • Conference Papers in Energy • Desalination and Water Treatment • Desalination • Electrochimica Acta • Energies • Energy and Fuels • Energy Policy • Energy Sources • Energy Strategy Reviews • Engineering Analysis with Boundary Elements • Environmental Engineering and Management Journal • IEEE Transactions on Sustainable Energy • IET Generation, Transmission and Distribution • IET Renewable Power Generation • International Journal of Electrical Power and Energy Systems • International Journal of Energy Research • International Journal of Global Warming • International Journal of Hydrogen • International Journal of Hydrogen Energy • International Journal of Photoenergy • International Journal of Thermal Sciences • Journal of Ecosystem and Ecography • Journal of Electrical and Electronics Engineering Research • Journal of Engineering and Technology Research • Journal of Power Technologies • Journal of Solar Energy • International Journal of Sustainable Energy • JRC Scientific and Technical Reports, Institute for Energy, European Commission • Nuclear Engineering and Design • Oil and Gas Science and Technology • Proceedings of the IEEE • Propulsion and Power Research • Renewable and Sustainable Energy Reviews • Sensors • Separation Science and Technology • Solar Energy • Technological Forecasting and Social Change

SERVED AS AN INDEPENDENT EXPERT & EVALUATOR FOR RESEARCH PROGRAMS REVIEW

- 2018 *Graded Membranes for Energy Efficient New Generation Carbon Capture Process (GREEN-CC)*, Final Review, Seventh Framework Program of Research and Development, European Commission, Apr (2018).
- 2017 *Graded Membranes for Energy Efficient New Generation Carbon Capture Process (GREEN-CC)*, Review II, Seventh Framework Program of Research and Development, European Commission, Feb (2017).
- 2015c *Graded Membranes for Energy Efficient New Generation Carbon Capture Process (GREEN-CC)*, Review I, Seventh Framework Program of Research and Development, European Commission, Jul (2015).
- 2015b Competition Judge for The Institution of Engineering and Technology (IET) *Present Around The World (PATW) 2015 competition*, Mar (2015).
- 2015a Proposals submitted for *Faculty Research Grant (Type 2-One Year Award)*, American University of Sharjah, Dec-Apr (2015).
- 2014c Proposals submitted in the field of *Carbon Capture and Storage, Horizon 2020 Framework Programme for Research and Innovation (H2020-LCE-2015-1)* of the European Commission, Oct (2014).
- 2014b Proposals submitted for *Faculty Research Grant (Type 2-One Year Award)*, American University of Sharjah, Dec-Apr (2014).
- 2014a Proposals submitted for *Faculty Research Grant (Type 2-Two Year Award)*, American University of Sharjah, Dec-Apr (2014).
- 2013 Proposals submitted in the field of *Concentrated Solar Power, Seventh Framework Program of Research and Development (FP7- ENERGY.2013.10.1.10)* of the European Commission, Dec-Aug (2013).
- 2011c *Carbon capture and hydrogen production with membranes (CACHET II)*, Seventh Framework Program of Research and Development, Nov 29 (2011).
- 2011b *Enhanced Energy Production of Heat and Electricity by a combined Solar Thermionic-Thermoelectric Unit System (EzPHEST2US)*, Seventh Framework Program of Research and Development, Sep 6 (2011).
- 2011a Proposals submitted in the field of *Concentrated Solar Power, Seventh Framework Program of Research and Development (FP7-ENERGY-2011-1)*, Dec-Aug (2011).
- 2010 *CO₂ Enhanced Separation Recovery (CESAR)*, Seventh Framework Program of Research and Development, Feb 9-12 (2010).
- 2008-2013 Proposals submitted, in the field of Energy, to *EUREKA for the Eurostars* call of applications (2008-2013).
- 2004 Proposals submitted, in the field of Energy, to *Hermes Research Center and Incubator*, Cyprus (2004).
- 2001 Proposals submitted, in the field of Energy, to the *Research Promotion Foundation for the Greece-Cyprus research program* for science and technology 2000-2002 (2001).

SERVED AS A REFEREE FOR PROCEEDINGS VOLUMES

- 2011b *Proceedings of the Renewable Energy Sources and Energy Efficiency Conference*, Nicosia, Cyprus, May 28-29 (2011).
- 2011a *Proceedings of the World Renewable Energy Congress 2011*, Linköping, Sweden, May 8-13 (2011).
- 2010b *Proceedings of the 7th Mediterranean Conference and Exhibition on Power Generation, Transmission, Distribution and Energy Conversion*, Ayia Napa, Cyprus, Nov 7-10 (2010).

- 2010a *Proceedings of IDETC/CIE 2010, ASME International Design Engineering Technical Conferences & Computers and Information in Engineering Conference*, Montréal, Quebec, Canada, Aug 15-18 (2010).
- 2009b *Proceedings of the Conference on the Promotion of Distributed Renewable Energy Sources in the Mediterranean region*, Nicosia, Cyprus, Dec 11-12 (2009).
- 2009a *Proceedings of the Renewable Energy Sources and Energy Efficiency Conference*, Nicosia, Cyprus, Oct 23-24 (2009).
- 2008b *Proceedings of the EuroMed 2008-Desalination Conference*, Dead Sea, Jordan, Nov 9-13 (2008).
- 2008a *Proceedings of the International Conference on Deregulated Electricity Market Issues in South-Eastern Europe*, Nicosia, Cyprus, Sep 22-23 (2008).
- 2007 *Proceedings of the Renewable Energy Sources and Energy Efficiency Conference*, Nicosia, Cyprus, Sep 28-30 (2007).
- 2004b *Proceedings of the Second International Conference on Industrial Gas Turbine Technologies*, Bled, Slovenia, Apr 29-30 (2004).
- 2004a *Proceedings of the Workshop on Methodologies for Distributed Energy Resources Economic Appraisal*, Brussels, Mar 23-26 (2004).
- 2003 *Proceedings of the First International Conference on Industrial Gas Turbine Technologies*, Belgium, Brussels, Jul 10-11 (2003).

Teaching experience

DEPARTMENT OF ELECTRICAL ENGINEERING, COMPUTER ENGINEERING AND INFORMATICS, CYPRUS UNIVERSITY OF TECHNOLOGY

- 2014-2015 Renewable Energy Systems (graduate course)
- 2014-2015 Power systems II (undergraduate/graduate course)
- 2014-2015 Power generation operation and control (undergraduate/graduate course)

DEPARTMENT OF MECHANICAL ENGINEERING, AMERICAN UNIVERSITY OF SHARJAH, UAE

- 2013 Advanced thermofluids (graduate course)
- 2013 Energy systems (undergraduate course)
- 2012-2013 Thermodynamics (undergraduate course)
- 2012 Analysis of power generation technologies (graduate course)
- 2012 Energy management and conservation (undergraduate course)

DEPARTMENT OF ELECTRICAL AND COMPUTER ENGINEERING, UNIVERSITY OF CYPRUS

- 2008-2012 Analysis of power generation technologies (graduate course)

SCIENTIFIC TECHNICAL CHAMBER OF CYPRUS

- 2010-2012 Analysis of solar power technologies (professional course)

HARVARD SCHOOL OF PUBLIC HEALTH, HARVARD UNIVERSITY, USA

- 2005-2009 Introduction to thermodynamics, power plants and alternative energy sources (graduate course)
- 2005-2009 Power systems (graduate course)

DEPARTMENT OF MECHANICAL ENGINEERING, FREDERICK UNIVERSITY, CYPRUS

- 2007 Energy policies (graduate course)
- 2007 Economics of energy systems (graduate course)
- 2004-2007 Power systems I and II (undergraduate course)
- 2005-2007 Fluid Mechanics (undergraduate course)
- 2004 Thermodynamics (undergraduate course)
- 2003 Internal Combustion Engines (undergraduate course)
- 2000-2002 Fluid Mechanics (undergraduate course)
- 1993-1995 Electromagnetism and Optics (undergraduate course)
- 1994-1995 Calculus and Analytic Geometry (undergraduate course)
- 1994-1995 Heat and Mass Transfer (undergraduate course)
- 1993-1995 Energy Management and Conservation (undergraduate course)
- 1993-1994 Mechanical Vibrations (undergraduate course)

DEPARTMENT OF MECHANICAL ENGINEERING, LOUGHBOROUGH UNIVERSITY OF TECHNOLOGY, UK

- 1991-1992 Turbomachinery (undergraduate course)
- 1991-1992 Fluid Mechanics (undergraduate course)

Other academic activities

- 2019-present United Nations Economic Commission for Europe (UNECE), *Group of Experts on Gas*.
- 2018-present Oxford University, *Member of the Oxford Energy Policy Club*.
- 2015-2018 Cyprus Open University, *Member of the Academic Committee for the MSc in Sustainable Energy Systems*.
- 2014-2015 Cyprus University of Technology, *Chair of the Department Council*.
- 2014-2015 Cyprus University of Technology, *Member of the Engineering School Council*.
- 2014-2015 Cyprus University of Technology, *Member of the Postgraduate Studies Senate Committee*.
- 2014-2015 Cyprus University of Technology, *Chair of various Search Committees*.
- 2014 University of Central Lancashire, *External Evaluator of the Electrical Engineering Course*.
- 2003-2014 ERMIS Research and Incubator Center, *Member of the Advisory Board*.
- 2008-2014 University of Cyprus, *Member of the Industrial Advisory Board of KIOS Research Center*.
- 2009-2012 University of Nicosia, *Member of the Advisory Board of the Department of Engineering*.
- 2011 Cyprus Institute, *Member of the Search Committee for the appointment of Assistant Professors for the Energy, Environment and Water Research Center*.
- 2009 Cyprus Institute, *Member of the Search Committee for the appointment of Assistant Professors for the Energy, Environment and Water Research Center*.
- 1993-1995 Frederick University, *Head of the Department, Member of Academic, Research and Administrative Committees*.

Conference organization

- 2020 Co-Chairman and Member of the International Advisory Committee of the *12th Mediterranean Conference on Power Generation, Transmission, Distribution and Energy Conversion (MedPower 2020)*, Paphos, Cyprus, Nov 9–12 (2020).
- 2019 Member of the International Advisory Committee of the *1st Conference on Energy Transition in the Mediterranean Area*, Cagliari, Sardinia, Italy, 27–29 May 2019.
- 2018f Chairman of a session, *International Conference on the Decarbonisation of the Energy Sector in the Mediterranean Region and Middle East – The Role of CSP*, Nicosia, Cyprus, 29 Nov – 1 Dec 2018.
- 2018e Member of the International Advisory Committee of the *11th Mediterranean Conference on Power Generation, Transmission, Distribution and Energy Conversion (MedPower 2018)*, Dubrovnik, Croatia, Nov 12–15 (2018).
- 2018d Member of the Advisory Board of the *6th International Conference on Renewable Energy and Sources and Energy Efficiency*, Nicosia, Cyprus, 1–2 Nov (2018).
- 2018c Member of the Advisory Board of the *IET Conference – Innovation, The Challenging Way Forward*, Nicosia, Cyprus, 3 Oct (2018).
- 2018b Member of the Scientific Advisory Board of the *3rd Renewable Energy Sources–Research and Business Conference (RESRB 2018)*, Brussels, Belgium, Jun 18–20 (2018).
- 2018a Chairman of a session, *5th International Conference on Energy, Sustainability and Climate Change (ESCC2018)*, Mykonos, Greece, 4–6 Jun 2018.
- 2017 Chairman of a session, *52nd International Universities’ Power Engineering Conference (UPEC 2017)*, Crete, Greece, Aug 28–31 (2017).
- 2016c Member of the International Advisory Committee of the *10th Mediterranean Conference and Exhibition on Power Generation, Transmission Energy and Distribution (MedPower 2016)*, Belgrade, Serbia, Nov 6–9 (2016).
- 2016b Co-Chairman of the *5th International Conference on Renewable Energy and Sources and Energy Efficiency*, Nicosia, Cyprus, May 5–6 (2016).
- 2016a Track-Chair: Electric Power Systems and Renewable Energy Sources of the *IEEE 18th Mediterranean Electrotechnical Conference (MELECON 2016)*, Nicosia, Cyprus, Apr 18–20 (2016).
- 2015 Chairman of a session, *19th International Conference on Circuits, Systems, Communications and Computers*, IEEE Conference, Zakynthos, Greece, Jul 16–20 (2015).
- 2014 Member of the International Advisory Committee and Chairman of a Session of the *9th Mediterranean Conference and Exhibition on Power Generation, Transmission Energy and Distribution (MedPower 2014)*, Athens, Greece, Nov 2–5 (2014).
- 2013c Chairman of a session of the *EU-GCC High level Renewable Energy Policy Experts Workshop*, Masdar Institute of Science and Technology, Abu Dhabi, UAE, 26–27 Nov (2013).
- 2013b Chairman of the *Conference on Power Options for the Eastern Mediterranean Region (POEM2013)*, Nicosia, Cyprus, Oct 7–9 (2013).
- 2013a Chairman of the *4th International Conference on Renewable Energy and Sources and Energy Efficiency*, Nicosia, Cyprus, Jun 6–7 (2013).
- 2012c Chairman of the *Conference on Power Options for the Eastern Mediterranean Region (POEM2012)*, Limassol, Cyprus, Nov 19–21 (2012).
- 2012b Honorary Chairman of the *8th Mediterranean Conference and Exhibition on Power Generation, Transmission, Distribution and Energy Conversion (MedPower 2012)*, Cagliari, Sardinia, Italy, Oct 1–4 (2012).

- 2012a Chairman of the Organising Committee, *Workshop on the Reconstruction of Vasilikos Power Station*, Nicosia, Cyprus, Apr 26 (2012).
- 2011c Chairman of a session, *State of the Art of renewable energy systems (RES) and future prospects in Cyprus and Mediterranean region by Cyprus natural gas*, Nicosia, Cyprus, Feb 4 (2011).
- 2011b Member of the Program Committee and Chairman of a session, *Workshop on Energy Issues facing Cyprus*, Nicosia, Cyprus, Oct 14 (2011).
- 2011a Member of the Organising Committee, *3rd International Conference on Renewable Energy and Sources and Energy Efficiency*, Nicosia, Cyprus, May 19-20 (2011).
- 2010 Chairman of the *7th Mediterranean Conference and Exhibition on Power Generation, Transmission, Distribution and Energy Conversion (MedPower 2010)*, Ayia Napa, Cyprus, Nov 7-10 (2010).
- 2009f Chairman of the *Conference on the Promotion of Distributed Renewable Energy Sources in the Mediterranean region*, Nicosia, Cyprus, Dec 11-12 (2009).
- 2009e Member of the Scientific Committee and Chairman of a session, *Renewable Energy Sources and Energy Efficiency*, Nicosia, Cyprus, Oct 23-24 (2009).
- 2009d Chairman of the Organizing Committee, *Workshop on Solar thermal and photovoltaic electricity market in EU and Mediterranean countries*, Beirut, Lebanon, Jun 19 (2009).
- 2009c Chairman of a session, *Conference on renewable energy sources, policies and applications in Cyprus*, Nicosia, Cyprus, 15 Jun (2009).
- 2009b Chairman of a session, *European Geosciences Union General Assembly 2009: Climate change and energy markets in the Mediterranean*, Vienna, Austria, Apr 19-24 (2009).
- 2009a Chairman of a session, *9th Conference on alternative energy sources*, Paphos, Cyprus, Mar 26-28 (2009).
- 2008d Chairman of the Organizing Committee, *Workshop on the solar thermal and photovoltaic market financing schemes in EU and Mediterranean countries*, Algiers, Algeria, Dec 17 (2008).
- 2008c Member of the International Advisory Committee, *6th Mediterranean Conference on Power Generation, Transmission and Distribution*, Thessaloniki, Greece, Nov 2-5 (2008).
- 2008b Secretary of the Organizing Committee and member of the Scientific Committee, *International Conference on Deregulated Electricity Market Issues in South-Eastern Europe (DEMSEE2008)*, Nicosia, Cyprus, Sep 22-23 (2008).
- 2008a Chairman of the Organizing Committee, *Workshop on the current RES policies within EU and Mediterranean countries*, Marrakech, Morocco, Jun 5 (2008).
- 2007g Member of the Organizing Committee, *Cyprus Electricity Research and Development 2007 Workshop*, Nicosia, Cyprus, Dec 17 (2007).
- 2007f Member of the Organizing Committee, *European Workshop on Power generation expansion planning*, Nicosia, Cyprus, Nov 22-23 (2007).
- 2007e Member of the Scientific Committee and Chairman of two sessions, *Renewable Energy Sources and Energy Efficiency*, Nicosia, Cyprus, Sep 28-30 (2007).
- 2007d Chairman of a session, *10th Quality Forum*, Nicosia, Cyprus, 26 Sep 2007.
- 2007c Member of the Scientific Committee, *International Workshop on Deregulated Electricity Market Issues in South-Eastern Europe*, Istanbul, Turkey, Sep 19-20 (2007).
- 2007b Member of the Scientific Committee and Chairman of a session, *International Conference MFS 2007*, Ayia Napa, Cyprus, Jun 11-13 (2007).
- 2007a Chairman of the Organizing Committee, *The European Union Policy for the Future Power Systems*,

- Nicosia, Cyprus, Feb 13 (2007).
- 2006b Member of the Organizing Committee, *Electromagnetic Fields: Sources, Health Effects and Regulations*, Nicosia, Cyprus, Nov 7 (2006).
- 2006a Member of the Technical Committee, *5th Mediterranean Conference on Power Generation, Transmission and Distribution*, Eilat, Israel, Nov 15-17 (2006).
- 2004b Chairman of a session, *4rd Mediterranean Conference on Power Generation, Transmission, Distribution and Energy Conversion*, Limassol, Cyprus, Nov 15-17 (2004).
- 2004a Member of the Scientific Committee, *Second International Conference on Industrial Gas Turbine Technologies*, Bled, Slovenia, Apr 29-30 (2004).
- 2003 Member of the Scientific Committee and Chairman of a session, *First International Conference on Industrial Gas Turbine Technologies*, Belgium, Brussels, Jul 10-11 (2003).

Consulting

- 2014 Minister of Energy, Cyprus Government, *Roadmap concerning the set up of natural gas market in Cyprus*
- 2013 Cyprus Government Council of Ministers, *Strategic plan for the promotion of renewable energy sources in the Cyprus electricity generation system - Review Update I*
- 2012 Cyprus Government Council of Ministers, *Strategic plan for the promotion of renewable energy sources in the Cyprus electricity generation system - Update for small commercial PV systems Feed-in-Tariff*
- 2011c Cyprus Energy Regulatory Authority, *Feasibility study for the integration of pumped hydroelectric energy storage systems in Cyprus power system*
- 2011b Cyprus Energy Regulatory Authority, *Assessment of net metering policies for PV residential installations*
- 2011a Cyprus Government Council of Ministers, *Strategic plan for the promotion of renewable energy sources in the Cyprus electricity generation system - Update for PV systems early deployment*
- 2010 Cyprus Government Council of Minister, *Development of a strategic plan for the promotion of renewable energy sources in the Cyprus electricity generation system*
- 2007 European Commission, *Strategic plan for the integration of future sustainable power technologies with carbon capture and storage in the European energy system*

Service to the profession

- 2018-present *ex-officio* Member of the *IET Cyprus section committee* • Appointment by the IET.
- 2015-present Member of the *Board of Regulators of the Agency for the Cooperation of Energy Regulators* • Appointment by the European Commission.
- 2006-present National Liaison Officer for matters related to the *WASP-IV computer code* • Appointment by the International Atomic Energy Agency (IAEA).
- 2000-present Member of the *Desalination Economic Evaluation Programme (DEEP) user group* • Appointment by the International Atomic Energy Agency (IAEA).
- 2010-2015 Chairman of the Working Group for *Strategic plan for the promotion of renewable energy sources in the Cyprus electricity generation system* • Appointment by the Council of Ministers of the Cyprus Government.

- 2008-2014 Vice Chairman of the *CIGRE National Committee of Cyprus*.
- 2011-2014 Member of the *Energy Working Group* • Appointment by the Cyprus Employers and Industrialists Federation.
- 2003-2014 Vice Chairman of the *Energy Policy Working Group* • Appointment by the Scientific Technical Chamber of Cyprus (ETEK).
- 2006-2014 Member of the *Research and Development Working Group* • Appointment by the European Union of the Electricity Industry (EURELECTRIC).
- 2011-2012 Coordinator of the *Pre-feasibility study for the introduction of a pump storage system* • Appointment by the Electricity Authority of Cyprus.
- 2009-2012 Advisor on technology issues of the *Solar Thermal Working Group* • Appointment by the Electricity Authority of Cyprus.
- 2010-2011 Coordinator of the *EAC RES-E strategic plan for the period 2011-2020 Working Group* • Appointment by the Electricity Authority of Cyprus.
- 2010b Coordinator of the *NER300 funding scheme for innovative RES technologies-A guide for EAC strategy Working Group* • Appointment by the Electricity Authority of Cyprus.
- 2010a Coordinator of the *EAC RES-E avoidance cost Working Group* • Appointment by the Electricity Authority of Cyprus.
- 2009-2010 Member of the *Generation System Optimization Working Group* • Appointment by the Electricity Authority of Cyprus.
- 2008-2010 Member of the *Desalination Working Group* • Appointment by the Electricity Authority of Cyprus.
- 2007-2009 Member of the *European Technology Platform on Zero Emission Fossil Fuel Power Plants (ETP ZEP)-Taskforce Policy and Regulation* • Appointment by the European Commission.
- 2000-2009 Member of the *Environmental Protection Working Group* • Appointment by the European Union of the Electricity Industry (EURELECTRIC).
- 2007-2008 Member of the *3rd Energy Package Working Group* • Appointment by the Electricity Authority of Cyprus.
- 2007c Member of the *EAC market rules Working Group* • Appointment by the Electricity Authority of Cyprus.
- 2007b Member of the *EAC natural gas generation cost Working Group* • Appointment by the Electricity Authority of Cyprus.
- 2007a Member of the *EAC competition strategy Working Group* • Appointment by the Electricity Authority of Cyprus.
- 2006-2007 Coordinator of the *Evaluation of the power optimization generator and contract scheduling (Power-Op) software Working Group* • Appointment by the Electricity Authority of Cyprus.
- 2006b Member of the *Power system optimization Working Group* • Appointment by the Electricity Authority of Cyprus.
- 2006a Member of the *EAC cooperation with independent power producers Working Group* • Appointment by the Electricity Authority of Cyprus.
- 2005-2006 Member of the *Liquefied natural gas Working Group* • Appointment by the Electricity Authority of Cyprus.
- 2004-2006 Member of the *Generation strategic planning Working Group* • Appointment by the Electricity Authority of Cyprus.
- 2004-2006 Cyprus Delegate to the *European Commission for research and technological development activities*

- in the field of energy* • Appointment by the Planning Bureau of the Cyprus Government.
- 2004-2005 Member of the *Ancillary Services Working Group* • Appointment by the Electricity Authority of Cyprus.
- 2004-2005 Member of the *HFO reserves Working Group* • Appointment by the Electricity Authority of Cyprus.
- 2003-2005 Member of the *National Plan for Energy Management Working Group* • Appointment by the Scientific Technical Chamber of Cyprus (ETEK).
- 2003-2005 Member of the *Mechanical Engineering Membership Applications Review Panel* • Appointment by the Scientific Technical Chamber of Cyprus (ETEK).
- 2000-2005 Vice Chairman of the *Research Working Group* • Appointment by the Scientific Technical Chamber of Cyprus (ETEK).
- 2003-2004 Member of the *Environmental Protection Committee* • Appointment by the Scientific Technical Chamber of Cyprus (ETEK).
- 2000-2002 Member of the *Harmonization with EU Legislation Working Group* • Appointment by the Scientific Technical Chamber of Cyprus (ETEK).
- 1999-2002 Member of the *EU Environmental Legislation Working Group* • Appointment by the Electricity Authority of Cyprus.
- 2000-2001 Member of the *Desalination Working Group* • Appointment by the Electricity Authority of Cyprus.
- 1999-2000 Member of the *EU Research Sources for Funding Working Group* • Appointment by the Electricity Authority of Cyprus.
- 1999b Member of the *EU Stranded Costs Working Group* • Appointment by the Electricity Authority of Cyprus.
- 1999a Member of the *EAC Spinning Reserve Policy Working Group* • Appointment by the Electricity Authority of Cyprus.
- 1998-1999 Member of the *Generation System Optimization Working Group* • Appointment by the Electricity Authority of Cyprus.
- 1998-1999 Member of the *Emissions Reduction Working Group* • Appointment by the Electricity Authority of Cyprus.
- 1996 Member of a special committee to prepare written examinations for the appointment of engineers to work for the Limassol sewage treatment plant • Appointment by the Scientific Technical Chamber of Cyprus (ETEK).

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Invited lectures and seminars

- 2018g “Large Scale Integration of Renewable Energy Systems into Electricity Markets”, *6th International Conference on Energy, Sustainability and Climate Change (ESCC2019)*, Crete, Greece, 3–7 Jun 2019.
- 2019f “Future technologies for sustainable energy systems”, *4th Annual Symposium of the Hellenic Association for Energy Economics*, Athens, Greece, 6-8 May 2019.
- 2019e “Energy challenges towards 2050 – The case of Cyprus”, *Cyprus Branch of the I.C.E. and the I.Mech.E. of U.K.*, Nicosia, Cyprus, 20 Mar 2019.
- 2019d “Development of future sustainable energy systems and strategies towards 2050”, *International Conference on Innovative Applied Energy (IAPE’19)*, Oxford, UK, 14-15 Mar 2019.
- 2019c “Future Sustainable Energy Systems Towards 2050”, *Global Summit on Power & Energy Engineering*, Dubai, UAE, 18-20 Feb 2019.
- 2019b “Exploiting energy resources to enhance cooperation and prosperity in the Southeast Mediterranean region”, *1st Tripartite Meeting of the Presidents of the Parliaments of Cyprus, Greece, Egypt*, Nicosia, Cyprus, 11 Feb 2019.
- 2019a “Natural gas strategies for sustainable energy systems”, *The New York Times Athens Energy Forum 2019*, Athens, Greece, 28-29 Jan 2019.
- 2018j “Natural gas challenges towards sustainable energy systems”, *6th Energy Symposium*, Nicosia, Cyprus, 4 Dec 2018.
- 2018i “Large scale integration of renewable energy systems into electricity market”, *International Conference on the Decarbonisation of the Energy Sector in the Mediterranean Region and Middle East – The Role of CSP*, Nicosia, Cyprus, 29 Nov – 1 Dec 2018.
- 2018h “Energy regulatory challenges towards 2050”, *Nicosia Risk Forum 2018*, Nicosia, Cyprus, 14 Nov 2018.
- 2018g “Development of energy strategies for sustainable future”, *6th International Conference on Renewable Energy Sources and Energy Efficiency – New Challenges (RESEE 2018)*, Nicosia, Cyprus, 1–2 Nov 2018.
- 2018f “Moving towards new energy era”, *5th International Conference on Energy, Sustainability and Climate Change (ESCC2018)*, Mykonos, Greece, 4–6 Jun 2018.
- 2018e “Electricity market and prices in Cyprus”, *Investment and Investment Finance: The Cypriot Case*, European Investment Bank and Nicosia Chamber of Commerce and Industry, Nicosia, Cyprus, 31 May 2018.
- 2018d “The role of natural gas towards sustainable energy systems”, *9th Mediterranean Oil & Gas Forum*, Nicosia, Cyprus, 27–28 Mar 2018.
- 2018c “Electricity market – The EU Winter Package”, *European Union – Latest developments*, Cyprus University of Technology, Limassol, Cyprus, 23 Mar 2018.
- 2018b “Electricity markets complexities”, *Energy Forum*, Frederick University, Nicosia, Cyprus, 21 Mar 2018.
- 2018a “EU energy strategies towards sustainable energy systems”, *The future of energy – EU and UAE cases*, Rochester Institute of Technology, Dubai, UAE, 6 Feb 2018.
- 2017h “Integration of renewable energy technologies in the future energy systems”, *XIII Research & De-*

- development in *Power Engineering Conference (RDPE 2017)*, Warsaw, Poland, 28 Nov–1 Dec 2017.
- 2017g “Energy regulatory challenges”, *5th Energy Symposium*, Nicosia, Cyprus, 1 Nov 2017.
- 2017f “Future sustainable energy systems – moving towards 2050”, *52nd International Universities’ Power Engineering Conference (UPEC 2017)*, Crete, Greece, 28–31 Aug 2017.
- 2017e “EU 2050 energy strategy towards sustainable energy systems”, *4th International Conference on Energy, Sustainability and Climate Change (ESCC2017)*, Santorini, Greece, 12–14 Jun 2017.
- 2017d “Towards the new energy era – Challenges for the electricity market”, *Institute of Environment & Sustainable Development and Frederick University*, Nicosia, Cyprus, 6 Apr 2017.
- 2017c “Future sustainable EU energy systems and the case of Cyprus”, *8th Mediterranean Oil & Gas Forum*, Nicosia, Cyprus, 1–2 Feb 2017.
- 2017b “Fundamentals of electricity systems and economics”, *Cyprus Employers and Industrialists Federation*, Nicosia, Cyprus, 8 Feb 2017.
- 2017a “Fundamentals of electricity systems and economics”, *IET lecture series*, Paphos, Cyprus, 4 Feb 2017.
- 2016h “Towards sustainable energy systems”, *Energy Developments and Lessons for Cyprus*, University of Nicosia, Nicosia, 5 Dec 2016.
- 2016g “Towards the new energy era”, *European Representation in Cyprus*, Nicosia, Cyprus, 20 Oct 2016
- 2016f “Future energy systems - Challenges and required actions”, *House of Representatives, Cyprus Government*, Nicosia, Cyprus, 20 Sep 2016.
- 2016e “Renewable and sustainable energy futures”, *5th International Conference on Renewable Energy and Sources and Energy Efficiency*, Nicosia, Cyprus, 5–6 May 2016.
- 2016d “Fundamentals of electricity systems and economics”, *IET lecture series*, Nicosia, Cyprus, 13 Apr 2016.
- 2016c “The future sustainable energy systems”, *Cyprus University of Technology*, Limassol, Cyprus, 12 Apr 2016.
- 2016b “Sustainable energy futures”, *Cyprus Institute CCCI Training programme on Concentrated Solar Energy Systems, Multi-Generation Plants and Further Applications*, Nicosia Cyprus, 11 Apr 2016.
- 2016a “The future energy systems”, *DHKO*, Limassol, Cyprus, 13 Feb 2016.
- 2015d “The future European energy system”, *Deloitte*, Nicosia, Cyprus, 5 Jun 2015.
- 2015c “The renewable energy sources potential for power generation in Cyprus”, *Cyprus-Russia Business and Investment Forum*, Limassol, Cyprus, 20 March 2015. “The future sustainable energy systems”, *Rotary Club of Limassol*, Limassol, Cyprus, 4 Mar 2015.
- 2015a “The future European energy system - Targeting towards 2030”, *Europe Direct*, Limassol, Cyprus, 10 Feb 2015.
- 2014c “Renewable energy strategies for sustainable development in isolated systems”, *9th Mediterranean Conference and Exhibition on Power Generation, Transmission Energy and Distribution (MedPower 2014)*, Athens, Greece, 2–5 Nov 2014.
- 2014b “The development of Cyprus’s strategic plan for RES-E promotion: From feed-in-tariffs to net-metering and auctioning supporting schemes”, *9th International Conference on Deregulated Electricity Market Issues in South-Eastern Europe (DEMSEE2014)*, Nicosia, Cyprus, 25–26 Sep 2014.
- 2014a “Integration of sustainable power generation technologies in United Arab Emirates”, *IET lecture series*, Nicosia, Cyprus, 22 Jan 2014.
- 2013d “Cyprus strategic plan for the integration of renewable energy sources”, *Frederick University*, Nicosia, Cyprus, 21 Jun 2013.

- 2013c “Strategies for solar technologies integration in UAE power system”, *Cyprus Institute*, Nicosia, Cyprus, 13 Jun 2013.
- 2013b “Photovoltaics versus concentrated solar power for high solar potential regions” *4th International Conference on Renewable Energy and Sources and Energy Efficiency*, Nicosia, Cyprus, 6–7 Jun 2013.
- 2013a “Introduction to technical and economic analysis of solar power plants”, *American Society of Mechanical Engineers*, Sharjah, UAE, 17 Apr 2013.
- 2012d “Future sustainable power generation technologies - Carbon capture and storage and renewable energy sources”, *American University of Sharjah*, UAE, 18 Oct 2012.
- 2012c “Sustainable Energy Policy in the EU”, *Workshop on Wave Energy Potential in the Eastern Mediterranean Sea, Quantification and Exploitation*, Nicosia, 9 Jul 2012.
- 2012b “Energy strategies for Cyprus”, *Institute of Technical Graduates*, Limassol, Cyprus, 25 May 2012.
- 2012a “EU energy policy - Strategies for renewable energy sources in Cyprus”, *Cyprus Union of Physicist*, Nicosia, Cyprus, 4 Feb 2012.
- 2011j “Long term energy strategy and power economics”, *IET lecture series*, Paphos, Cyprus, 3 Dec 2011.
- 2011i “Long term energy strategy and power economics”, *IET lecture series*, Nicosia, Cyprus, 7 Nov 2011.
- 2011h “Future sustainable power generation technologies”, *Workshop on Energy Issues facing Cyprus*, Nicosia, Cyprus, Oct 14 (2011).
- 2011g “Cyprus energy situation and future prospects”, *Cyprus Employers and Industrialists Federation*, Nicosia, Cyprus, 5 May 2011.
- 2011f “European energy policy - Future sustainable power generation technologies”, *Institute of Technical Graduates*, Limassol, Cyprus, 13 Apr 2011.
- 2011e “Future energy systems and renewable energy sources technological developments”, *Department of Environmental Management, Cyprus University of Technology*, Limassol, Cyprus, 6 Apr 2011.
- 2011d “Cyprus power system and future developments”, *Association of Scottish Visitor Attractions*, Nicosia, Cyprus, 31 Mar 2011.
- 2011c “Future energy systems and Cyprus energy challenges”, *Department of Mechanical Engineering, Cyprus University of Technology*, Limassol, Cyprus, 24 Mar 2011.
- 2011b “Climate change challenges for power generation in Cyprus”, *Cyprus Union of Physicist*, Nicosia, Cyprus, 26 Feb 2011.
- 2011a “Future sustainable energy systems”, *Free University Lecture Series*, Nicosia, Cyprus, 24 Feb 2011.
- 2010d “Future energy systems”, *Workshop on Cyprus Energy Challenges*, Limassol, Cyprus, 11 Nov 2010.
- 2010c “Optimum large scale integration of renewable technologies in power generation systems”, *7th Mediterranean Conference and Exhibition on Power Generation, Transmission, Distribution and Energy Conversion*, Ayia Napa, Cyprus, 7–10 Nov 2010.
- 2010b “Strategies for power generation in Cyprus”, *Workshop on Co-generation of electricity and desalinated water from CSP*, Nicosia, Cyprus, 23 Jun 2010.
- 2010a “The Strategic Role of R&D in Electric Utilities”, *EURELECTRIC Conference on the Role of Research & Development in Electric Utilities*, Brussels, Belgium, 12 May 2010.
- 2009g “Future sustainable energy systems”, *Conference on the promotion of Distributed Renewable Energy Sources in the Mediterranean region*, Nicosia, Cyprus, 11–12 Dec 2009.
- 2009f “2050 energy challenges”, *Energy Workshop*, Nicosia, Cyprus, 19 Nov 2009.
- 2009e “EU energy policy”, *Workshop on Solar thermal and photovoltaic electricity market in EU and Mediterranean countries*, Beirut, Lebanon, Jun 19 (2009).

- 2009d “Integration of future energy systems in Cyprus”, *Conference on renewable energy sources, policies and applications in Cyprus*, Nicosia, Cyprus, 15 Jun 2009.
- 2009c “The role of renewable in the future European energy system”, *Workshop on Education, Culture and Environment*, Larnaca, Cyprus, 6 May 2009.
- 2009b “Sustainable electrical systems-The challenge for the Electricity Authority of Cyprus”, *Workshop on the European policy on energy and climate change*, European Commission, Nicosia, Cyprus, 12 Feb 2009.
- 2009a “Power generation technologies - Present and future developments”, *Electricity Authority of Cyprus*, 14 Jan 2009.
- 2008i “EU energy policy and the challenges for EAC”, *EXPLORER conference*, Nicosia, Cyprus, 21 Dec 2008.
- 2008h “EU energy policy”, *Workshop on the solar thermal and photovoltaic market financing schemes in EU and Mediterranean countries*, Algiers, Algeria, 17 Dec 2008.
- 2008g “Towards the future sustainable electric utilities” *6th Mediterranean Conference on Power Generation, Transmission and Distribution*, Thessaloniki, Greece, Nov 2-5 (2008).
- 2008f “Future power systems and technological developments”, *Workshop on 21st Century Energy Policies*, Nicosia, Cyprus, 29 Oct 2008.
- 2008e “Future power systems and technological developments”, *Workshop on 21st Century Energy Policies*, Limassol, Cyprus, 25 Jun 2008.
- 2008d “EU energy policy”, *Workshop on the current RES policies within EU and Mediterranean countries*, Marrakech, Morocco, 5 Jun 2008.
- 2008c “Energy policy for Europe”, *Energy Workshop*, Limassol, Cyprus, 31 May 2008.
- 2008b “The recent EU energy policy and the challenges for Cyprus”, *STORIES Workshop*, Nicosia, Cyprus, 8 May 2008.
- 2008a “The challenges for EAC resulting from the EU energy package”, *Workshop on Electricity*, Nicosia, Cyprus, 1 Mar 2008.
- 2007g “The EU energy package-EAC R&D activities”, *Cyprus Electricity Research and Development 2007 Workshop*, Nicosia, Cyprus, 17 Dec 2007.
- 2007f “The importance of tools and methodologies for expansion capacity planning”, *European Workshop on Power generation expansion planning*, European Commission, Institute for Energy, Nicosia, Cyprus, 22 Nov 2007.
- 2007e “The new EU energy package”, *Electricity Authority of Cyprus*, 2 Oct 2007.
- 2007d “Technological developments in renewable energy sources and the role of the Electricity Authority of Cyprus”, *Keynote Lecture, Renewable Energy Sources and Energy Efficiency*, Nicosia, 29 Sep 2007.
- 2007c “The EU 2007 energy package and prospects for the improvements of Cyprus environmental indicators”, *10th Quality Forum*, Nicosia, Cyprus, 26 Sep 2007.
- 2007b “EAC power system and research activities”, *Opening presentation, 16th Advisory Council of the European Technology Platform for the Electricity Networks of the Future*, Larnaca, 16 Sep 2007.
- 2007a “Renewable energy sources and distributed generation technologies”, *The European Union Policy for the Future Power Systems*, Nicosia, 13 Feb 2007.
- 2006d “Technological and economic prospects of electricity from wave and tidal energy, wind energy, biomass, solar thermal and photovoltaics”, *1st EURELECTRIC seminar on small/medium sized island electricity systems*, Limassol, 24 Oct 2006.

- 2006c “Electricity Authority of Cyprus RTD activities”, *Electricity Authority of Cyprus*, 21 Mar 2006.
- 2006b “Distributed generation research projects in Cyprus”, *IEE lecture series*, 28 Feb 2006.
- 2006a “Unit commitment modeling and approaches”, *Electricity Authority of Cyprus*, 28 Feb 2006.
- 2005f “Technical, economic and environmental analysis of future sustainable gas turbine technologies”, *IEE lecture series*, 8 Dec 2005.
- 2005e “Renewable Distributed Generation technologies; Technical, economic and environmental analysis”, *IEE lecture series*, 26 Nov 2005.
- 2005d “Gas turbine technologies-Present and future developments”, *Electricity Authority of Cyprus*, 23 Nov 2005.
- 2005c “Power industry development in Cyprus and ways for improvement”, *Electricity Authority of Cyprus*, 30 Aug 2005.
- 2005b “The development of Cyprus electricity industry and prospects for the improvements of its environmental indicators”, *1st International Conference on Management, Policy and Environmental Technology*, 29 Jun 2005.
- 2005a “EAC status and Research Activities”, *EU-DEEP Project Review Meeting*, 8 Apr 2005.
- 2004c “EAC Research and Technological Development Activities”, *Cyprus International Institute for the Environment and Public Health in association with Harvard School of Public Health, USA*, 1 Dec 2004.
- 2004b “Technical and economic analysis of distributed generation systems”, *Electricity Authority of Cyprus*, 19 Nov 2004.
- 2004a “Power generation technologies, fuel options and renewable energy sources”, *Department of Electrical & Computer Engineering, University of Cyprus*, 6 Feb 2004.

Papers in Greek and Cyprus scientific and technical journals

- 2017 Poullikkas A., “The economics of electricity markets”, *Accountancy Cyprus*, 126, 56-58 (2017).
- 2016b Poullikkas A., “Effective Energy Regulation”, *Accountancy Cyprus*, 124, 100-102 (2016).
- 2016a Poullikkas A., “From the ‘camel curve’ to the ‘duck curve’ on electric systems with increasing solar power”, *Accountancy Cyprus*, 122, 46-47 (2016).
- 2015d Poullikkas A., “Electricity demand flexibility-“flexiwatts” could change how energy is consumed”, *Accountancy Cyprus*, 120, 51 (2015).
- 2015c Poullikkas A., “Liberalisation and privatisation of the electricity sector in EU-Part B”, *Accountancy Cyprus*, 119, 72-73 (2015).
- 2015b Poullikkas A., “Renewable energy strategies for sustainable development in Cyprus”, *Cyprus Energy: The new ERA, EuroKerdos*, Jun, 22 (2015).
- 2015a Poullikkas A., “Liberalisation and privatisation of the electricity sector in EU-Part A”, *Accountancy Cyprus*, 118, 62-63 (2015).
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- 2014a Poullikkas A., “Renewable energy strategies for sustainable development in Cyprus”, *Accountancy Cyprus*, 116, 62 (2014).
- 2013c Poullikkas A., “Energy and Geopolitics in the South East Mediterranean region”, *Accountancy Cyprus*, 113, 60-61 (2013).
- 2013b Poullikkas A., “The use of batteries for large scale electricity storage”, *Accountancy Cyprus*, 112, 64-65 (2013).

- 2013a Poullikkas A., "The meanings of natural monopoly and of the electricity sector restructuring", *Accountancy Cyprus*, 110, 84-85 (2013).
- 2012d Poullikkas A., "The use of pumped hydroelectric energy storage systems for the large scale integration of renewable energy sources", *Accountancy Cyprus*, 109, 94-96 (2012).
- 2012c Poullikkas A., "The net-metering supporting scheme for the promotion of photovoltaic installations", *Accountancy Cyprus*, 108, 80-81 (2012).
- 2012b Poullikkas A., "The strategic role of renewable energy sources in the EU", *Accountancy Cyprus*, 107, 95-97 (2012).
- 2012a Poullikkas A., "Sustainable electric vehicles for transportation", *Accountancy Cyprus*, 106, 109 (2012).
- 2011d Poullikkas A., "Future sustainable energy sources", *Accountancy Cyprus*, 105, 85-86 (2011).
- 2011c Poullikkas A., "Integrated energy policy for Cyprus", *Accountancy Cyprus*, 104, 62 (2011).
- 2011b Poullikkas A., "Desalination water production cost using photovoltaics", *Accountancy Cyprus*, 103, 115-116 (2011).
- 2011a Poullikkas A., "Electricity generation cost in isolated power systems", *Accountancy Cyprus*, 102, 104-105 (2011).
- 2010b Poullikkas A., "The cost of integration of renewable energy sources", *Accountancy Cyprus*, 101, 100-101 (2010).
- 2010a Poullikkas A., "The role of Cyprus in the Mediterranean solar plan", *Accountancy Cyprus*, 100, 62-63 (2010).
- 2009 Poullikkas A., "The use of photovoltaics for the production of desalinated water", *Σύγχρονη Τεχνική Επιθεώρηση*, 7, 18-22 (in Greek) (2009).
- 2005c Poullikkas A., "An adaptive numerical method for heat rate curve approximation: Application to power plants without data measuring devices", *The Cyprus Journal of Science and Technology*, 4/4, 5-12 (2005).
- 2005b Poullikkas A., Christodoulou C., Karagiorgis G., "Overview of wind energy and available technologies", *The Cyprus Journal of Science and Technology*, 4/4, 13-27 (2005).
- 2005a Christodoulou C., Karagiorgis G., Poullikkas A., Lymberopoulos N., Varkaraki E., "A review of hydrogen storage technologies", *The Cyprus Journal of Science and Technology*, 4/3, 72-144 (2005).
- 2004 Poullikkas A., Kellas A., Christodoulou C., Karagiorgis G., "Cost-benefit analysis of LOTHECO combined cycle power plants", *The Cyprus Journal of Science and Technology*, 4/1, 28-51 (2004).
- 2001 Poullikkas A., "Fouling mechanism of heavy fuel oil fired boilers", *The Cyprus Journal of Science and Technology*, 3/2, 81-88 (2001).
- 1999 Poullikkas A., Kellas A., "Power generation using conventional fuels", *The Cyprus Journal of Science and Technology*, 2/3, 53-64 (1999).
- 1998 Poullikkas A., "Effects of air/water two phase flow on the performance of centrifugal pumps", *The Cyprus Journal of Science and Technology*, 1/4, 89-110 (1998).
- 1997 Poullikkas A., "A least squares method for electric load forecasting", *The Cyprus Journal of Science and Technology*, 1/3, 105-108 (1997).
- 1996 Poullikkas A., "A model for pumping two phase mixtures", *The Cyprus Journal of Science and Technology*, 1/2, 103-120 (1996).
- 1995b Poullikkas A., "A survey on the component wear effect of two phase solid-liquid pumping", *Mechanical News*, 16, 6-7 (1995).
- 1995a Poullikkas A., "A review of multiphase flow and two phase pumping", *Mechanical News*, 15, 6-20

- (1995).
- 1993c Poullikkas A., “Experimental study on cavitation in centrifugal pumps”, *Mechanical News*, 8, 25-28 (1993).
- 1993b Poullikkas A., “Cavitation in hydraulic machinery-Part 2”, *Mechanical News*, 7, 20-22 (1993).
- 1993a Poullikkas A., “Cavitation in hydraulic machinery-Part 1”, *Mechanical News*, 6, 37-40 (1993).
- 1992b Poullikkas A., “Cavitation review”, *Mechanical News*, 5, 31-34 (1992).
- 1992a Poullikkas A., “Disc friction losses in centrifugal machinery”, *Technical World*, 10, 49-55 (1992).
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