

## PERSONAL INFORMATION Paris A. Fokaides

📍 PO Box 22101, 1517, Nicosia, Cyprus

☎ 0035799 793207

✉ [paris.fokaides@gmail.com](mailto:paris.fokaides@gmail.com)

🌐 <http://www.parisfokaides.com> <http://www.serg-web.com>

Sex Male | Date of birth 28/06/1977 | Nationality Cypriot (Greek)

## WORK EXPERIENCE

June 2012 – to date

Associate Professor (Mar. 22 - ), Assistant Professor (Mar. 18 - ), Research Associate (Jun. 12 - ), Visiting Lecturer (Jun 12.- Feb.18)

### Frederick University and Frederick Research Center, Cyprus

- Founder and Academic Supervisor of Sustainable Energy Research Group (SERG) at Frederick University and Frederick Research Centre.
- Researcher in nineteen (19) European and National funded research projects, two of which as coordinator and three of which as scientific and technical manager. Awarded grants over 2.5 M€
- Consultant in fourteen (14) consultancy projects for the public sector, ten (10) of which as coordinator. Awarded grants: 425 k€
- Coordinator of joint Master's Degree Programme between Open University Cyprus and Frederick University in Sustainable Energy Systems (Distance Learning)
- Coordinator of Master's Degree Programme of Frederick University in Energy Engineering (on campus)
- Coordinator of the Mechanical Infrastructure and Oil and Gas Technicians Program, at the Frederick Institute of Technology (2013-2018)
- Lecturer of Energy, Heat Transfer, Fluid Mechanics and Process Engineering related courses in 9 programs of study (Civil Engineering, Quantity Surveying, Mechanical Engineering, Automotive Engineering, Architecture, MSc in Oil and Gas, MSc in Sustainable Energy Systems, MSc in Engineering Management, Oil and Gas Technicians)
- Establishment of quality management system in SERG and certification with ISO 9001
- Development of a research laboratory, exclusively funded by research projects for solid fuels and biomass analysis as well as experimental building physics. Development of a boilers research laboratory exclusively funded by research projects
- Supervisor of two (2) PhD graduate and five (5) PhD candidates

May 2017 – to date

### Chief Researcher

**Kaunas University of Technology, Lithuania,  
Faculty of Civil and Environmental Engineering**

- Group Leader of Research Group Sustainable Energy in the Built Environment
- Coordinator in one Research Project (Horizon Europe, Twinning)
- Supervisor of one (1) PhD candidate

Sep 21 – to date

### CEO, Founder

**Euphyia Tech Ltd,**

**A Spin off of Frederick University and Gravity Incubator for Tools and Services for the Assessment of Smart Buildings**

- Awarded grants from EU funded research projects: 385 k€

## WORK EXPERIENCE (cont'd)

Feb 2020 – Apr 2021

**Research Associate (on sabbatical leave)**

**Technical University Berlin, Germany**

**Faculty V, Institute of Fluid Dynamics and Technical Acoustics, Chair of Fluid Dynamics**

- Researcher in one (1) research project (full position researcher under TVL 13/Level 6)

June 2008 – May 2012

**Special Scientist, Research Associate**

**University of Cyprus**

- Researcher in three (3) projects
- Lecturer of 4 Energy and Fluid Mechanics related courses in 2 programs of study (Civil and Environmental Engineering, MSc in Sustainable Energy and the Built Environment)
- Supervisor of five (5) student's final year projects and MSc thesis

November 2002 – July 2007

**Research Associate (Wissenschaftlicher Mitarbeiter)**

**Engler Bunte Institute, Karlsruhe University, Germany**

- Researcher in three (3) projects (full position researcher under BAT IIa)
- Teaching assistant in 5 Energy, Fluid Mechanics and Process Engineering related courses in 2 programs of study (Chemical Engineering, Mechanical Engineering)
- Supervisor of two (2) final year project thesis

January 2008 – October 2012

**Building Services and Renewable Energy Technologies Consultant**

**RD Hydraulics Ltd, Cyprus**

- Founder and CEO of RD Hydraulics Ltd, an engineering consulting company in the field of Building Services, Renewable Energy Technologies and Environmental Engineering
- Design and commissioning of mechanical engineering related building services in ca. 50 projects (mainly residential buildings)
- Energy performance certification of ca. 60 projects (residential and commercial buildings, including headquarters of CNP Insurance in Cyprus, presidential palace event hall, Metrology headquarters)
- Pre-engineering, design and commissioning of renewable energy technologies projects with a total installed capacity of > 1.2 MWp (photovoltaics, solar thermal, biomass)
- Preparation and delivery of ca. 10 environmental impact assessment studies (mainly related to renewable energy technologies projects).

## EDUCATION AND TRAINING

November 2002 – February 2009

**Doctor of Engineering Sciences (Doktor der Ingenieurwissenschaften – Dr.-Ing.)**

**Universität Karlsruhe (TH), Germany**

- Thesis: Experimental investigation of the stability mechanism of lifted non-premixed swirl confined flames

October 1997 – July 2002

**Mechanical Engineering Diploma (Δίπλωμα Μηχανολόγου Μηχανικού – Dipl.-Ing.)**

**Aristotle University Thessaloniki, Greece**

- Thesis: Wind potential analysis of selected sites in Cyprus and techno-economic assessment for the establishment of a wind-park

## PERSONAL SKILLS

Mother tongue(s)

Greek

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C2	C2	C2	C2	C2
German	C2	C2	C1	C1	C2

Levels: A1/2: Basic user - B1/2: Independent user - C1/2 Proficient user  
Common European Framework of Reference for Languages

- Experimental fluid mechanics skills
  - Particle Image Velocimetry: Experienced user in non-reactive flows. Measurements performed in water channels for the characterisation of urban flows. I have also performed 3D tomographic PIV measurements.
  - 3D - Laser Doppler Anemometry: Experienced user in reactive and non-reactive flows. I have performed series of experiments in swirl isothermal and reacting flames for the characterisation of the stability mechanism.
  - Laser Light Sheet Mie Scattering: Experienced user in reactive and non-reactive flows. Experiments performed in reacting flames for the characterisation of the two-phase flow of liquid fuels.
- Experimental fluid mechanics skills
  - Flow Rate and Pressure Measurements: Experienced user of several instrumentation such as Coriolis and turbine flow meters, Rotameter etc. Also experienced user of several instrumentation such as piezoelectric crystals, membrane pressure gauge etc.
- In flame measurements skills
  - Local and Global Concentration Analysis: Experienced user of several gas analysis methods such as NDIR, FID, FTIR, Paramagnetism etc. Experiments regarding the mixture field of reacting and non-reacting flames.
  - Experienced user of several temperature measurement methods such as thermocouples, micro-thermocouples, PT100 etc. Experiments regarding the temperature field of reacting and non-reacting flames.
- Temperature measurement skills
  - Level 1 Thermographer (Infrared Training Center, Sweden). Experienced user for building thermography
- Solid Fuels Analysis skills
  - Calorific Value Definition using Bomb Calorimeter (according to EN 14918)
  - CHNO Elemental Analysis using Elemental Analyser (according to EN 15104)
  - Moisture Content Analysis (according to EN 14774)
  - Ash Content Analysis (according to EN 14775)
- Computer skills
  - Languages: Matlab, Python (
  - Scripting Languages: HTML
  - 3D-CAD: SolidWorks, Autodesk Autocad
  - Building Information Modelling (BIM): Autodesk Revit
  - Finite Element and Volume Methods: Comsol Multiphysics, ANSYS CFD
  - Physical and Chemical Processes Simulation: Aspen Plus
  - Life Cycle Assessment Software: Gabi Software
  - Whole Building Energy Analysis Software: Energy Plus (Design Builder)
  - Graphics Software: TecPlot (for graphs), Adobe Photoshop

#### ADDITIONAL INFORMATION

##### Funded Research Projects

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#### **Kaunas University of Technology, Lithuania**

1. Coordinator - "Boosting Research for a Smart and Carbon Neutral Built Environment with Digital Twins" (SmartWins)- HORIZON-WIDERA-2021-ACCESS-03-01". **10/2022 – 09/2025**

#### **TU Berlin, Germany**

2. Researcher - "Emissions Soot Model". "H2020-EU.3.4.5.5. - ITD Engines, JTI-CS2-2017-CfP07-ENG-03-20 - Emissions prediction for very large bypass ratio turbofans - H2020-CS2-CFP07-2017-02". **11/2018 – 10/2021**

#### **Frederick University, Cyprus**

3. Researcher – Scientific and Technical Manager "Advanced Energy Performance Assessment towards Smart Living in Building and District Level ". (SmartLivingEPC) HORIZON-CL5-2021-D4-01. **07/2022 – 06/2025**
4. Researcher - "Improving and demonstrating the potential of SRI". (easySRI) LIFE-2021-CET-SMARTREADY . **10/2022 – 09/2025**
5. Researcher - "Earthquake Risk platform for European cities Cultural Heritage protection". MSCA Staff Exchanges 2021. **01/2023 – 12/2026**

Funded Research Projects  
(cont'd)

**Frederick University**

6. Researcher – Scientific and Technical Manager "Next-generation Dynamic Digital EPCs for enhanced quality and user awareness". (D<sup>2</sup>EPC) Building a low-carbon, climate resilient future: Secure, clean and efficient energy H2020-LC-SC3-EE-5-2019. **09/2020 – 08/2023**
7. Researcher - "A novel decentralized edge-enabled PREsCRIPTIVE and ProacTIVE framework for increased energy efficiency and well-being in residential buildings". (PRECEPT) Building a low-carbon, climate resilient future (LC) Secure, clean and efficient energy LC-EEB-07-2020. **10/2020 – 03/2024**
8. Researcher - – Scientific and Technical Manager " Development of Utilities Management Platform for the case of Quarantine and Lockdown" (eUMaP). Marie Skłodowska-Curie Research and Innovation Staff Exchange (MC RISE) H2020-MSCA-RISE-2020. **01/2021 – 12/2024**
9. Researcher - "STructural stABILity risk assessment" (STABLE). Marie Skłodowska-Curie Research and Innovation Staff Exchange (MC RISE) H2020-MSCA-RISE-2018. **11/2018 – 10/2022**
10. Researcher -" Youth Employment Network for Energy Sustainability in ISlands" (Yenesis). EEA and Norway Grants Fund for Youth Employment. **09/2018 – 06/2022**
11. Researcher – "Provision of Technical Support Services for the project "Promoting Energy Efficiency in Public Buildings of the Balkan Mediterranean Territory" (ProEnergy). Cross-border Cooperation Program "BALKANMED" 2014-2020 **10/2019 – 09/2021**
12. Researcher - "Portal for hERItage buildingS integration into the COntemPorary built Environment". (UP PeriScope). The Research Promotion Foundation Programmes for Research, Technological Development and Innovation Restart 2016-2020". Smart Growth, Integrated Projects. **12/2019 – 11/2022**
13. Researcher -" Novel integrated approach for seismic and energy upgrading of existing buildings" (SupERB). The Research Promotion Foundation Programmes for Research, Technological Development and Innovation "Restart 2016-2020". Smart Growth, Integrated Projects. **01/2019 – 12/2021**
14. Researcher -" Strategic Cross-Border Cooperation & Capitalisation of a Common Approach to Energy Saving in Public Buildings" (StratEnergy). INTEREG BALKAN V GR-CY. **01/2019 – 12/2022**
15. Researcher -" Design and manufacturing of a novel Low-Density Polyethylene (LDPE) Film for the construction industry, using recycled agricultural plastic waste (APW)" (ReCyFilm). The Research Promotion Foundation Programmes "Restart 2016-2020". Research in Enterprises. **04/2019 – 03/2021**
16. Researcher - Design and Development of the "Controlled Temperature Building Shell" (AENAS) concept Ministry of Commerce, Industry, Tourism and Energy, Innovation in Enterprises project. **11/2017 - 05/2020**
17. Coordinator - "Design and development of collection, management and distribution centers for the exploitation of olive solid waste energy purpose" (KEDELEA). Cross-border Cooperation Program "Greece-Cyprus 2007-2013". **10/2012 – 03/2015**
18. Coordinator - "Design, development and application of a technologically advanced system of natural daylight and artificial PV lighting - Hybrid Light Tube" (HyLight) Transnational SOLAR-ERA.NET Calls PV1 and CSP1. **08/2014 – 07/2016**
19. Researcher -" Phase Change Material (PCM) enhanced plaster for upgrading the energy efficiency of contemporary and historic buildings" (PCPlaster). The Research Promotion Foundation Programmes for Research, Technological Development and Innovation M-ERA.NET Transnational Call 2012. **08/2014 – 11/2016**
20. Researcher - Innovative methods for protection and conservation of sustainable design elements of vernacular architecture in the historic centre of Nicosia. (BioVernacular) The Research Promotion Foundation Programmes for Research, Technological Development and Innovation ANΘΡΩΠΙΣΤΙΚΕΣ/ΑΝΘΡΩ/0609(BIE)/07. **06/2012 – 08/2014**
21. Researcher - A concept for promotion of sustainable retrofitting and renovation in early stages. (ACES) The Research Promotion Foundation Programmes for Research, Technological Development and Innovation Eracobuild Project, KOINA/ERACOBUILD-VDP/0609/05. **03/2011–09/2013**

### **Euphyia Tech Ltd**

22. Researcher, Scientific and Technical Coordinator - "Smart Tools for Smart Buildings: Enhancing the intelligence of buildings in Europe (Smart<sup>2</sup>)". LIFE-2021-CET-SMARTREADY . **10/2022 – 09/2025**

### **University of Cyprus**

23. Researcher - "The Research Promotion Foundation Programmes for Research, Technological Development and Innovation ANABAΘMISΗ/ΠAΦIIO/0308/33 - Development of an Interdisciplinary Research Center of "Energy Efficiency of the Built Environment ". **12/2008-12/2012**

24. Researcher - "The Research Promotion Foundation Programmes for Research, Technological Development and Innovation Urban-Net Project, ΔIEΘNH/URBAN-NET/0308(BIE)/02 - Towards optimization of urban planning and architectural parameters for energy use minimization in Mediterranean cities" **03/2009–02/2012**

25. Researcher - "Categorisation of buildings in Cyprus based on their energy efficiency". The Research Promotion Foundation Programmes for Research, Technological Development and Innovation AEIΦOPIA/ΑΣTI/0308 (BIE)/02. **12/2008-03/2011**

### **Karlsruhe University**

26. Researcher - "NEW Aero engine core Concepts". AIP5-CT-2006-030876 (FP6). **01/2007 - 12/2010**

27. Researcher - "Towards Lean Combustion". AST4-CT-2005-012326 (FP6). **03/2005 – 03/2010**

28. Researcher - "LOW POLLutant COmbustor TEchnology Programme". GRD1-CT2000-25062 (FP5). **04/2001 – 05/2005**

### **Further details are found in Annex I (Funded Research Projects Fact Sheets)**

Funded Consultancy for the  
public sector

1. Coordinator - Consultancy for the Elaboration of a Study on the calculation of cost - optimal levels for minimum energy performance requirements for buildings in accordance with Article 5 of Directive 2010/31/EU on the energy efficiency of buildings, Ministry of Commerce, Industry, Tourism and Energy - Energy Service – **11/2022 – 05/2023**
2. Coordinator - Consultancy for the Elaboration of a Study for measuring, recording and preparing quality control reports on certain single-use plastic products and their waste, alternatives, establishing a single-use plastic registry - ongoing, Ministry of Agriculture, Rural Development and Environment - Department of Environment – **11/2022 - 07/2023**
3. Coordinator - Consultancy for the Elaboration of Study of Preparation of An Action Plan for Green Contracts, Location and Recording of Green Products and Services Circulated / Provided in The Cyprus Market – on going, Ministry of Agriculture, Rural Development and Environment - Department of Environment – **10/2021 – 10/2022**
4. Coordinator - Consultancy for the Elaboration of a Study on the preparation of a methodology for calculating Renewable Energy from solar domestic water and/or space heating systems and the benefits resulting from the replacement of older solar thermal frames and systems, Ministry of Commerce, Industry, Tourism and Energy - Energy Service – **02/2022 – 08/2022**
5. Coordinator - Consultancy for the Elaboration of a Study on Training of registrants of Heating System Inspection and Air Condition System Inspection, Ministry of Commerce, Industry, Tourism and Energy - Energy Service – **11/2021 – 07/2022**
6. Coordinator - Consultancy for the Elaboration of a Study for providing Services for Measurement, Recording and Report Preparation of Food Waste Levels at Various Stages of the Food Supply Chain, Ministry of Agriculture, Rural Development and Environment - Department of Environment – **10/2020 - 09/2021**
7. Coordinator - Revision of the Heating Systems and the Air Conditioning Inspection methods, the Requirements of Technical Building Systems and the Methods of Regulation and Control of Building Technical Systems - **12/2019 - 11/2020**
8. Consultant - Consultancy for the Elaboration of a Study on the calculation of cost - optimal levels for minimum energy performance requirements for buildings in accordance with Article 5 of Directive 2010/31/EU on the energy efficiency of buildings, Ministry of Commerce, Industry, Tourism and Energy - Energy Service – **10/2017 – 03/2018**

9. Coordinator - Consultancy for the Elaboration of a Study on the Reduction and Utilization of Biodegradable Waste in Cyprus, Ministry of Agriculture, Rural Development and Environment - Department of Environment – **09/2017 – 12/2017**
  10. Coordinator - Consultancy for the Elaboration of a Study on the Implementation of Rational Management of Solid Waste in the Public Sector, Ministry of Agriculture, Rural Development and Environment - Department of Environment – **09/2017 – 12/2017**
  11. Consultant - Training of public servants dealing with environmental legislation on Strategic Environmental Assessment (SEA) and Environmental Impact Assessment (EIA), Ministry of Agriculture, Rural Development and Environment - Department of Environment – **09/2016 – 02/2017**
  12. Consultant - Implementation of Written Exams for the Selection of Four (4) Candidates to be Employed as Energy Operators in Cyprus Energy Regulatory Authority (CERA) - **09/2015 - 12/2015**
  13. Coordinator – Consultancy for detailed cost estimation for Public Transport Vehicles maintenance cost for the years 2010 – 2020. Ministry of Transport, Communications and Works, Directorate of Public Transport - **04/2021 – 07/2021**
  14. Consultant - Preparation of a Preliminary Draft Order of the Town Planning Council for Soil Sealing in Construction Projects - **06/2014 - 02/2015**
- Further details are found in Annex II (Funded Consultancy Fact Sheets)**

#### Peer reviewed publications

Publication metrics:

**Scopus:** • Documents: 141 • Citations: 3297 by 2879 documents • h-index: 32

- Peer-reviewed scientific articles published in Scopus-indexed scientific journals: 101 publications
- Peer-reviewed scientific articles published in Scopus-indexed conference proceedings: 25 publications
- Books: 2
- Book Chapters (Scopus indexed): 16 publications

**Further details are found in Annex III (List of Peer-reviewed Publications)**

#### Editorial work and reviewing

##### **Editor in Chief**

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- International Journal of Sustainable Energy (Taylor and Francis) (2022- )

##### **Member of Editorial Boards**

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- Energy Sources, Part A: Recovery, Utilization, and Environmental Effects (Taylor and Francis) (2020- )
- International Journal of Sustainable Energy (Taylor and Francis) (2020-2022)
- Sustainability (MDPI) (2018- )
- Energies (MDPI) (2021- )
- Current Sustainable/Renewable Energy Reports (Springer) (2017 - )
- Journal of Sustainable Architecture and Civil Engineering (Kaunas University of Technology) (2017 - )

##### **Scientific papers evaluation**

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Regular reviewer (approx. 80 reviews per year since 2014) in following Elsevier, Springer and Taylor and Francis scientific journals:

- **Elsevier:** • Applied Energy • Applied Thermal Engineering • Building and Environment • Computers & Operations Research • Energy Conversion and Management • Energy • Energy and Buildings • Biomass and Bioenergy • Journal of Cleaner Production • Journal of Environmental Management • Energy Policy • Renewable Energy • Renewable & Sustainable Energy Reviews • Sustainable Cities and Society • Sustainable Production and Consumption • International Journal of Thermal Sciences
- **Springer:** • Waste & Biomass Valorization • Clean Technologies & Environmental Policy
- **Taylor and Francis:** • Energy Sources, Part A: Recovery, Utilization, and Environmental Effects • International Journal of Sustainable Energy

**Patents** Zarzalis, N.; Fokaides, P.A.; Merkle, K.: Fuel injection apparatus, European Patent: EP 1 722 164 A1, 2006

**Research Projects Evaluation**

- Evaluator, Horizon Europe Projects, call HORIZON-CL5-2022-D4-02 projects, European Commission (2022)
- Evaluator, Horizon Europe Projects, TWIN GREEN AND DIGITAL TRANSITION 2021 European Commission (2021)
- Evaluator, Programma per Giovani Ricercatori Rita Levi Montalcini 2017, CINECA, Italy (2017, 2018, 2021)
- Evaluator, Swiss National Science Foundation (2021)
- Evaluator, Marsden Fund - Royal Society of New Zealand (2021)
- Evaluator, Project Drawdown (2020)
- Evaluator, University of Campania Luigi Vanvitelli intra-university projects, Italy (2019)
- Evaluator, Chilean National Science and Technology Commission (FONDECYT) (2019)
- Evaluator, Rural development programme (EAFRD), Measure 16.1, Ministry of Rural Development and Food, Republic of Greece (2018 - )

#### Academic Teaching

##### **Frederick University, BSc in Mechanical Engineering (2012 - )**

• AMEE 202 Fluid Mechanics • AMEE 304 Heat Transfer • AMEE 310 Hydraulics and Pneumatics • ASOG 300 Mass and Energy Balance • ASOG 402 Fundamentals of Pipeline Design

##### **Frederick University, MSc in Sustainable Energy Systems (Program Coordinator) (2012 - )**

• MES 503 Energy and Environmental Policies • MES 511 Power Generation Technologies • MES 520 Renewable Energy • MES 530 Energy Design of Buildings and Energy Audits • MES 552 Energy and Environmental Evaluation Tools

##### **Frederick University, BSc in Civil Engineering (2012 - )**

• CEH 240 Fluid Mechanics • CESU 310 Energy Design of Buildings • CESU 420 Structural Aspects of Renewable Energy Technologies

##### **Frederick University, MSc in Oil, Gas and Offshore Engineering (2013 - )**

• MOE 504 Process Engineering • MOE 505 Process Modelling and Simulation

##### **Open University Cyprus, MSc in Sustainable Energy Systems (Program Coordinator) (2015 - )**

• SES 512 Renewable Energy • SES 521 Energy Design of Buildings • SES 611 Energy and Environmental Policies

##### **University of Cyprus, BSc in Civil and Environmental Engineering (2009 - 2011)**

• CEE 272 Experimental Fluid Mechanics • CEE 483 Transport Phenomena in Environmental Engineering

##### **University of Cyprus, MSc in Energy Technologies and Sustainable Design (2008 - 2012)**

• CEE 575 Energy Design of Buildings • CEE 596 Renewable Energy Technologies Management

##### **Karlsruhe University, BSc in Chemical Engineering (2003 - 2006) (teaching assistant)**

• 22999: Introduction to Process Engineering, • 22514: Non-reacting and Reacting Turbulent Flows • 22542 Applied Combustion Technology

##### **Karlsruhe University, BSc in Mechanical Engineering (2003-2005) (teaching assistant)**

• 22512: Heat and mass transfer for Mechanical Engineers

Further details are found in Annex IV (Academic Teaching)

#### Graduate Students Mentoring

- Frederick University, BSc in Civil Engineering: 23 projects
- Frederick University BSc Quantity Surveying: 10 projects
- Frederick University, BSc in Mechanical Engineering: 14 projects
- Frederick University MSc in Sustainable Energy Systems: 54 projects
- Frederick University MSc in Oil, Gas and Offshore Engineering: 9 projects
- Frederick University MSc in Engineering Management: 8 projects
- Open University Cyprus, MSc in Sustainable Energy Systems: 21 projects
- University of Cyprus, MSc in Energy Technologies and Sustainable Design: 5 projects
- Karlsruhe University of Technology, BSc in Chemical Engineering: 2 projects

#### Conferences Scientific Committee Member

- Sustainable Built Environment Conference Series - Thessaloniki SBE23 Conference "Sustainability in the built environment for climate change mitigation", Thessaloniki, Greece. March 23
- Sustainable Built Environment Conference Series - Thessaloniki SBE19 Conference "Sustainability in the built environment for climate change mitigation", Thessaloniki, Greece. October 2019
- 6<sup>th</sup> International Conference on Renewable Energy Sources and Energy Efficiency – New Challenges. Organized by the Cyprus Chamber of Commerce and Industry, Nicosia, Cyprus, November 2018
- Sustainable Built Environment Conference Series - Thessaloniki SBE16 Conference "Sustainable Synergies: from Buildings to the Urban Scale", Thessaloniki, Greece. October 2016
- International Symposium "Circular Economy and Sustainable Management of Renewable Resources", Nisyros, Greece, July 2016
- 5<sup>th</sup> International Conference on Renewable Energy Sources and Energy Efficiency – New Challenges. Organized by the Cyprus Chamber of Commerce and Industry, Nicosia, Cyprus, May 2016
- 4<sup>th</sup> International Exergy, Life Cycle Assessment, and Sustainability Workshop & Symposium, Nisyros, Greece, July 2015
- 40<sup>th</sup> IAHS World Congress on Housing - "Sustainable Housing Construction", Funchal, Portugal, December 2014
- 2<sup>nd</sup> International Conference Power Options for the Eastern Mediterranean Region, Organized by the Electricity Authority Cyprus, Nicosia, Cyprus, October 2013
- 4<sup>th</sup> International Conference on Renewable Energy Sources and Energy Efficiency – New Challenges. Organized by the Cyprus Chamber of Commerce and Industry, Nicosia, Cyprus, June 2013
- 1<sup>st</sup> International Conference Power Options for the Eastern Mediterranean Region, Organized by the Electricity Authority Cyprus, Limassol, Cyprus, November 2012
- 3<sup>rd</sup> International Conference on Renewable Energy Sources and Energy Efficiency – New Challenges. Organized by the Cyprus Chamber of Commerce and Industry, Nicosia, Cyprus, May 2011

#### Invited Speeches, Conference and Workshop Presentations

- Invited Speeches: 2 presentations
- Peer reviewed conferences: 30 presentations
- Research project and academia workshops: 27 presentations

**Further details are found in Annex V (Invited Speeches, Conference and Workshop Presentations)**



## Honours and awards

- Energy Sources, Part A: Recovery, Utilization, and Environmental Effects – Most read article (as of Jan 22) Kyllili, A., Afxentiou, N., Georgiou, L., Panteli, C., Morsink-Georgalli, P. Z., Panayidou, A., ... & Fokaides, P. A. (2020). The role of Remote Working in smart cities: lessons learnt from COVID-19 pandemic. Energy Sources, Part A: Recovery, Utilization, and Environmental Effects, 1-16.
- Journal of Sustainable Cities and Society (Elsevier) - Most cited paper (December 2017): Kyllili, A., & Fokaides, P. A. (2015). European smart cities: The role of zero energy buildings. Sustainable Cities and Society, 15, 86-95.
- Journal of Building Engineering (Elsevier) - 5th most cited paper (December 2017): Kyllili, A., & Fokaides, P. A. (2016). Life Cycle Assessment (LCA) of Phase Change Materials (PCMs) for building applications: A review. Journal of Building Engineering, 6, 133-143.
- Michael Frederick Awards 2021: Best researcher award at Frederick University. Awarded based on scientific work and on number of scientific studies and citations for years 2019 and 2020.
- Renewable Energy Reviewer Award 2014, awarded by the journal of Renewable Energy, of Elsevier, The Official Journal of WREN - The World Renewable Energy Network (2014 5 year IF 3.8)
- Best Paper Award by the Combustion, Fuels & Emissions Committee from ASME Turbo Expo 2007 – Fokaides PA, Kasabov P, Zarzalis N: “Experimental Investigation of the Stability Mechanism and Emissions of a Lifted Swirl Non-Premixed Flame” GT2007-27126
- Best Paper Award by the 34th AIVC, 3rd TightVent, 1st venticool and 2nd Cool Roofs’ Conference, 2013 - Neofytou MKA, Tryphonos E, Fokaides P, Sandberg M, Batchvarova E, Fernando HJS, et al. Towards Designing Strategies for Urban heat island Mitigation based on Multiscale Flow considerations.
- Scholarship by the German Section of the Combustion Institute for the participation at the European Combustion Meeting, April 2007

## Committees’ Member

- Convenor of WG5 under TC 371 of CEN for the elaboration of a new EU standard on the operational assessment of buildings energy performance.
- Member of the SET Plan Temporary Working Group 8, on Renewable Fuels and Bioenergy, as representative of the Republic of Cyprus, since 09/2016
- Member of the Research Committee of European Biomass Research Network (EUBREN) research committee – since 2016
- Cofounding member of the European Biomass Research Network (EUBREN), an initiative of the European Biomass Industries Association (EUBIA) – since 2014
- Member of the Management Committee (Cyprus Representative) of Cost Action CA 17128 Establishment of a Pan-European Network on the Sustainable Valorisation of Lignin– 07/2018-
- Member of the Management Committee (Cyprus Representative) of Cost Action TU 1104 Smart Energy Regions– 03/2013-02/2016
- Representative of the Cyprus Scientific and Technical Chamber (ETEK) in the committee for the implementation of 2012/27/EC Directive in Cyprus, Energy Service, Ministry of Commerce Industry and Tourism – since 01/2013
- Member of the Energy Committee of the Cyprus Scientific and Technical Chamber (ETEK) - 2008-2014, 2018 –
- Member of the Environmental Engineering Committee of the Cyprus Scientific and Technical Chamber (ETEK) - 2018 -
- Member of the Reflective Committee of CEN/CENELEC/JWG 1 "Energy audits", Cyprus Standardization Organization - 2009- 2013
- Member of the Reflective Committee of TC 371, Energy Efficiency of Buildings, Cyprus Standardization Organization - since 2013
- Representative of University of Cyprus in the Committee for the Implementation of 2002/91/EC Directive in Cyprus, Energy Service, Ministry of Commerce Industry and Tourism – 06/2009-05/2012

#### Memberships

- Cyprus Scientific and Technical Chamber (E TEK) – since 2002
- Cyprus Association of Mechanical Engineers (ΣΜΜΗΚ) – since 2009
- Institute for Solar Technology, Greece (IHT) – since 2009
- International Solar Energy Society (ISES) - since 2018
- The Combustion Institute – Greek Section – since 2007
- VDI – Verein Deutscher Ingenieure – since 2006
- ASHRAE - American Society of Heating, Refrigerating and Air-Conditioning Engineers – 2009-2012

Nicosia, 29<sup>th</sup> of December 2022