

## Academic Personnel Short Profile / Short CV

<b>University:</b>	Cyprus University of Technology
<b>Surname:</b>	Keivanidis
<b>Name:</b>	Panagiotis
<b>Rank/Position:</b>	Asst. Prof.
<b>Faculty:</b>	Faculty of Engineering and Technology
<b>Department:</b>	Department of Mechanical Engineering and Materials Science and Engineering
<b>Scientific Domain: *</b>	Material Science; Molecular spectroscopy: Photophysical Characterization of Smart Organic Materials and Opto-electronic Characterization of their Devices

*\* Field of Specialization*

### Academic qualifications (list by highest qualification)

Qualification	Year	Awarding Institution	Department	Thesis title (Optional Entry)
Dr. rer. nat.	2005	Max Planck Institute for Polymer Research / Johannes Gutenberg University of Mainz	Department of Chemistry and Pharmacy	Electronic Energy Transfer Processes in $\pi$ -Conjugated Polymers
Bachelor degree (B.Sc)	2000	University of Crete	Department of Chemistry	Activation of $Mn^{2+}$ in $SrY_2F_8:Pr^{3+}-Mn^{2+}$ and sensitization of $Gd^{3+}-Eu^{3+}$ quantum cutting couple via $Pr^{3+}$

### Employment history in Academic Institutions/Research Centers – List by the three (3) most recent

Period of employment		Employer	Location	Position
From	To			
2010	2014	Italian Institute of Technology	Italy	Founder and Team Leader of the Device Technology and Chemical Physics independent research group
2008	2010	Imperial College London	UK	Post-doctoral Research Associate
2005	2008	University of Cambridge	UK	Post-doctoral Research Associate

Key <u>refereed</u> journal papers, monographs, books, conference publications etc. List the five (5) more recent and other five (5) selected –(max total 10)						
Ref. Number	Year	Title	Other authors	Journal and Publisher / Conference	Vol.	Pages
1	2020	Afterglow Effects as a Tool to Screen Emissive Nongeminate Charge Recombination Processes in Organic Photovoltaic Composites	Keivanidis P. E.* , Grigorios Itkos, Zhipeng Kan, Eduardo Aluicio-Sarduy, Hossein Goudarzi, Valentin Kamm, Frédéric Laquai, Weimin Zhang, Christoph Brabec, George Floudas, and Iain McCulloch	ACS Appl. Mater. Interfaces	12	2695
2	2020	Excimer Formation Effects and Trap-Assisted Charge Recombination Loss Channels in Organic Solar Cells of Perylene Diimide Dimer Acceptors	Singh R., Kim M., Lee J.- J., Ye T., Keivanidis P. E.* , Cho K.	J. Mater. Chem. C	8	1686
3	2019	Impact of Molecular Conformation on Triplet-Fusion Induced Photon Energy Up-Conversion in the Absence of Exothermic Triplet Energy Transfer	Goudarzi H., Limbu S., Cabanillas-González J., Zenonos V. M., Kim J. -S. and Keivanidis P. E.*	J. Chem. Mater. C.	7	3634
4	2018	Impact of Structural Polymorphs on Charge Collection and Non-Geminate Recombination in Organic Photovoltaic Devices	Keivanidis P. E.* , Khan J. I., Katzenmeier L., Kan Z., Limbu S., Constantinou M. K., Lariou E., Constantinides G., Hayes S. C., Kim J- .S., Laquai F.*	J. Phys. Chem. C	122	29141
5	2017	All-Solution Based Aggregation Control in Solid-	Goudarzi H. and Keivanidis P. E.*	ACS Appl.	9	845

		State Photon Upconverting Organic Model Composites		Mater. Interfaces		
6	2013	Effect of local and global structural order on the performance of perylene diimide excimeric solar cells	Ye T., Singh R., Butt H-. J., Floudas G., Keivanidis P. E.*	ACS Appl. Mater. Interfaces	5	11844
7	2013	Fast Ultrahigh-Density Writing of Low Conductivity Patterns on Semiconducting Polymers	Farina M. *, Ye T., Lanzani G., di Donato A., Venanzoni G., Mencarelli D., Pietrangelo T., Morini A., Keivanidis P. E. *	Nat. Commun.	4	2668
8	2010	Delayed luminescence spectroscopy of organic photovoltaic binary blend films: Probing the emissive non-geminate charge recombination	Keivanidis P. E. *, Kamm V., Dyer – Smith C., Zhang W., Laquai F., McCulloch I., Bradley D. D. C., Nelson J. *	Adv. Mater.	22	5183
9	2009	All-solution based device engineering of multilayer polymeric photodiodes: minimizing dark current	Keivanidis P. E. *, Khong S. -H., Greenham N. C., P. K. K. Ho, Friend R. H.	Appl. Phys. Lett.	94	173303
10	2003	Up-conversion photoluminescence in polyfluorene doped with metal (II)-octaethyl porphyrins	Keivanidis P. E., Balushev S., Miteva T., Nelles G., Scherf U., Yasuda A., Wegner G. *	Adv. Mater.	15	2095

**Research Projects. List the five (5) more recent and other five (5) selected (max total 10)**

Ref. Number	Date	Title	Funded by	Project Role*
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<b>1</b>	2019 - 2021	Low Photon-Energy Up-Conversion induced Sensitized Photocurrent Generation in Organic Photodiodes	Research Promotion Foundation, EXCELLENCE/1216/0010, project "LOSPHOGEN"	<i>Scientific/Project Coordinator</i>
<b>2</b>	2015 - 2017	Electro-Optical Characterization of Photoelectronic Devices	Start-up fund received by Cyprus University of Technology	<i>Scientific/Project Coordinator</i>
<b>3</b>	2014 - 2015	Understanding How to Improve Non-Fullerene Based Organic Solar Cells	The Royals Society, International Exchanges Scheme - 2013/R3, reference IE131547	<i>Scientific/Project Coordinator</i>
<b>4</b>	2012 - 2014	DELUMOPV: Delayed Luminescence Spectroscopy of Organic Photovoltaic Systems	FP7-PEOPLE-2011-IEF, project number 299657, <a href="http://cordis.europa.eu/result/rcn/155572_en.html">http://cordis.europa.eu/result/rcn/155572_en.html</a>	<i>Researcher</i>
<b>5</b>	2013 - 2014	Development of Next Generation Oxygen-Barrier Materials for Organic Electronic and Dye-Sensitized Solar Cell Applications	John S. Latsis Public Benefit Foundation Research, <a href="http://www.latsis-foundation.org/eng/education-science-culture/science/grants/scientific-projects/2013/development-of-next-generation-oxygen-barrier-materials-for-organic-electronic-and-dye-sensitized-solar-cell-applications">http://www.latsis-foundation.org/eng/education-science-culture/science/grants/scientific-projects/2013/development-of-next-generation-oxygen-barrier-materials-for-organic-electronic-and-dye-sensitized-solar-cell-applications</a>	<i>Researcher</i>
<b>6</b>	2012 - 2014	Technology Transfer Project	SAES Getters s.r.l., Italy	<i>Scientific/Project Coordinator</i>
<b>7</b>	2011 - 2014	Technology Transfer Project	OMET s.r.l., Italy	<i>Researcher</i>
<b>8</b>	2010 - 2014	Foundation and establishment of the Device Technology and Chemical	Start-up fund received by Center of Nanoscience and Technology of Italian Institute of Technology	<i>Scientific/Project Coordinator</i>

		Physics Laboratory at the premises of Politecnico di Milano, Italy		
<b>9</b>	05/05/2010 - 25/05/2010	Ultrafast Transient Absorption Spectroscopic Studies of Model Organic Photovoltaic Blends	Laser Lab Europe, Project ID LLC001578, <a href="https://laserlab.mbi-berlin.de/access/publish/listAccessProjects.jsf">https://laserlab.mbi-berlin.de/access/publish/listAccessProjects.jsf</a>	<i>Scientific/Project Coordinator</i>
<b>10</b>	01/03/2010 - 15/03/2010	Monitoring the Charge Carrier Recombination Events in Organic Donor - Acceptor Photovoltaic blends by Delayed Luminescence Spectroscopy	The Royals Society, International Travel Grants - 2009R3 Travel for Collaboration, reference TG091471	<i>Scientific/Project Coordinator</i>

*\*Project Role: i.e. Scientific/Project Coordinator, Research Team Member, Researcher, Assistant Researcher, other*

<b>Academic Consulting Services and/or Participation in Councils / Boards/ Editorial Committees.</b>				
<b>List the five (5) more recent (Optional Entry)</b>				
<b>Ref. Number</b>	<b>Period</b>	<b>Organization</b>	<b>Title of Position or Service</b>	<b>Key Activities</b>
<b>1</b>	2019	Erasmus+, Cyprus University of Technology	Academic Supervisor of Incoming Students	
<b>2</b>	2019	Electrochemistry Conference, Istanbul, Turkey	Scientific Committee Member of the Electrochemistry Conference – 2019, Istanbul, Turkey	
<b>3</b>	2018	Management Authority of Western Greece Region	Scientific Evaluator of research proposals	Funding scheme 'Δράση RIS3 «Ενεργειακές Εφαρμογές»'
<b>4</b>	2018	National Science Center, Poland	Scientific Evaluator of research proposals	Funding scheme SHENG

5	2017	European Materials Research Society (E-MRS), Fall Meeting Warsaw, Poland	Scientific Committee Member of the Session 'Scanning Probe Microscopy for Energy Applications'	
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**Awards / International Recognition (where applicable). List the five (5) more recent and other five (5) selected. (max total 10) (Optional Entry)**

Ref. Number	Date	Title	Awarded by:
1	2015 - 2019	Independent reviewer of peer-reviewed scientific journals	<ol style="list-style-type: none"> <li>1. ACS Appl Mater Interfaces</li> <li>2. ACS Applied Electronic Materials</li> <li>3. ACS Sustainable Chemistry &amp; Engineering</li> <li>4. J Phys Chem</li> <li>5. J Phys Chem Lett</li> <li>6. Adv Energy Mater</li> <li>7. Adv Funct Mater</li> <li>8. Adv Mater</li> <li>9. Adv Optic Mater</li> <li>10. ChemPlusChem</li> <li>11. ArciVok</li> <li>12. Chemical Science</li> <li>13. Chemistry European Journal</li> <li>14. European Polymer Journal</li> <li>15. Macromolecular Chemistry and Physics</li> <li>16. J Luminescence</li> <li>17. Royal Society Open Science</li> <li>18. Journal of Materials Chemistry A</li> <li>19. Journal of Materials Chemistry C</li> <li>20. Nanoscale</li> <li>21. RSC Advances</li> <li>22. Vacuum</li> <li>23. Langmuir</li> <li>24. Organic Electronics</li> <li>25. Physica Status Solidi (RRL) - Rapid Research Letters</li> <li>26. Progress in Organic Coatings</li> </ol>

			27. Thin Solid Films 28. Nanoletters
2	2008	Distinction 'Outstanding Scientist performing scientific research abroad'	Hellenic Republic, Ministry of National Defence
3	2007	Best Poster Award at E-MRS 2007, Strasbourg, France for holding a poster entitled: 'Polymer-blend X-ray Photodetectors for Medical Applications'	Nature Materials

**Other Achievements. List the five (5) more recent and other five (5) selected.  
(max total 10) (Optional Entry)**

Ref. Number	Date	Title	Key Activities:
1	2014	Founder of the Device Technology and Chemical Physics Research Lab at the Cyprus University of Technology, <a href="http://devtechcp.cut.ac.cy/">http://devtechcp.cut.ac.cy/</a>	Independent research activity and training of young scientists for promoting the Materials Science and Technology of Organic Semiconductors
2	2014	Coursera Verified Certificate, Credential Identifier Credential ID JTNTE2334W	On-line course attendance: 'Beyond Silicon Valley: Growing Entrepreneurship in Transitioning Economies'
3	2010 - 2014	Academic supervisor of two post-doctoral research associates, four graduated PhD students and two graduated Master students	
4	2011	Scientific Evaluator of research proposals submitted to the Greek Ministry of Education, Life-Long Learning and Religious Affairs	Greek National Action 'Cooperation 2011'
5	2010	Scientific Evaluator of The Royal Society	
6	2008	Cover article in <i>Biophotonics International</i> (issue March 2008)	Focus in the research development of polymer-based photodetectors for medical imaging applications
7	2007	Sponsorship received by <b>CIKC</b> (Cambridge Integrated Knowledge Centre in Advanced Manufacturing Technologies and Electronics)	Attending the Ignite Programme 2006/2007 offered by the Centre for Entrepreneurial Learning at Cambridge Judge Business School, UK

<b>8</b>	01/07/03 – 31/08/04	Scholarship received by <b>CODE</b> (Complex Macromolecular Structures as Elements of Functional Devices)	Research Training Network, project HPRN-CT-2000-00003
<b>9</b>	1/10/2001 – 30/09/2002	Scholarship received by <b>AMID</b> (Analytical methods in the development of polymer materials)	Marie Curie Training Site, project HPMT-CT-2000-00015
<b>10</b>	2000	Scholarship received by Erasmus	Undergraduate Exchange Student enrolled in 6 months full time research activity; in the Condensed Matter and Interfaces Group at the Debye Institute of the University of Utrecht, The Netherlands (30 ECTS credits research project)