

## Short CV

<b>Name</b>	<b>Stergios Logothetidis</b>
<i>Position</i>	Professor – Physics Department
<i>Studies</i>	<p><b>Stergios Logothetidis</b> received his degree in Physics from the Aristotle University of Thessaloniki (AUTH) at 1977, his Master in Electronics in 1980 and his PhD in 1983 from the Physics Dept. of AUTH. He then worked as a postdoctoral researcher in Max-Planck Institute - MPI in Stuttgart 1983-1985 and Research Associated at MPI at 1985 and at the Synchrotron Radiation Laboratory at BESSY, Berlin 1988-1989.</p> <p>He has received research fellowship from the Alexander von Humboldt-Stiftung Institute and the Max-Planck Institute in Germany. Also, he received a research fellowship from the Onassis Foundation for the completion of his doctoral dissertation, a Scholarship Award from OTE for his excellent academic performance during his postgraduate studies (first in rank), and a State Scholarship Foundation for the whole duration of his undergraduate study (first in rank). He won the <b>Award of Honour and Offer in the ceremony for the Pioneers of Spirit, Art, Science and Social Value</b> of the "Association of the Greek Literary Men".</p>
<i>Scientific expertise</i>	<p>The longtime educational activity includes forming and teaching a multitude of courses at undergraduate and postgraduate level, as Solid State Physics, Optics, Optical Properties of Solids, Physics of Materials, Development of Advanced Materials, Condensed Matter &amp; Materials Science, Thin Films and Vacuum Technology, Micro &amp; Nanofabrication, Nanomechanics, Technology - Economic &amp; Social Environment, Innovation Technology. He taught in the <b>Departments of Physics, Agriculture, and in Postgraduate Courses “Materials Physics and Technology” and “Nanosciences &amp; Nanotechnologies” of AUTH</b>, and has authored 7 books and notes for teaching these courses.</p> <p><b>Prof. S. Logothetidis</b> has supervised more than 22 Ph.D. Theses carried out in the LTFN, more than 35 MSc. 155 thesis and more than 60 Post-Doctoral researchers. He has trained numerous researchers and scientific collaborators at the LTFN, Max Planck Institute Stuttgart and at the Synchrotron Radiation Lab BESSY,</p>

	<p>Berlin in subjects that are related to his scientific activities.</p> <p>His administrative activities include the organization and coordination of more than 130 research and industrial groups, the organization of cooperations at educational, scientific and research level between AUTH and Universities, Research Institutes / Centres of Greece and abroad (e.g. Max-Planck, Ecole Polytechnique, BESSY, CERN, etc.).</p> <p>He has designed, organized and served as a member of the Scientific Committee and was an invited speaker at more than <b>130 National and International Conferences</b>, including, the Plastic Electronics, Ellipsometry Forum, EuroNanoForum, E-MRS, SMAC, BPU-4, BPU-6, Workshop Nanotech, Organic Electronics Association, TCO, International Conference on Biomaterials &amp; Medical Devices, World Congress on "Quality In Clinical Practice", Nanomedicine, the Conference on Interventional Cardiology and Electrophysiology, and a plurality of Scientific and Informational Meetings, which are targeting in:</p> <ul style="list-style-type: none"> <li>- Disseminating the latest scientific developments and results in issues of peak</li> <li>- Dissemination of scientific knowledge in the broad scientific audience</li> <li>- Linking scientific research work and employment, and</li> <li>- Utilization of research achievements for wider social and economic development</li> </ul>
<p><i>Research Activity</i></p>	<p>His research activities are focused in the <b>Research</b> in Nanotechnology, Organic and Printed Electronics, Nanobiology and Nanomedicine, Science &amp; Technology of Thin Films, Thin Films Processes and nanostructural Materials, the Development of optical &amp; spectroscopic techniques, and real time optical monitoring techniques, <b>the Study and Control</b> of various properties (optical, electronics, spectroscopic, nanostructural, nanomechanical and biological), and the <b>Processes and Mechanisms</b> of the technology transfer from the Lab to production and the market.</p> <p>His scientific and research contribution is revealed through his <b>~850 original scientific publications and monographs</b>, which are published in International Scientific Journals with referees (~350), International Conference Proceedings (~490) and Balkan &amp; Greek Conference Proceedings. He has given more than 150 lectures as an Invited Speaker, and he has more than</p>

	<p>9744 citations with an h-factor=48. He has offered his service as a reviewer to more than 30 International Scientific Journals and tens of International Conferences. As a reviewer has provided years of service to more than 30 international Scientific Journals and dozens of international conferences</p> <p>He is the Coordinator and Principal Investigator in more than <b>100 R&amp;D Projects</b>(280 meetings,250 references) with budget which exceed 100 M€ funded by European Commission (EC) in FP4 to FP7 (ICT, NMP, GROWTH, BRITEEURAM, BRITE, EPET, CRAFT, etc.), many of which have been distinguished and honored by the European Commission EC as Outstanding, and by the General Secretariat for Research and Technology Greece (STRIDE, EPET, Bilateral, PENED, PAVE, CO-OPERATION, etc.).</p>
<p><i>Scientific Activity</i></p>	<p>In 1991 he founded the <b>Lab for Thin FilmsNanosystems and Nanometrology – LTFN</b> (<a href="http://www.ltfn.gr">http://www.ltfn.gr</a>), in the Physics Department of AUTH, with equipment and infrastructure by European and National R&amp;D projects. LTFN is internationally acknowledged as a powerful center for research and innovation, with hundreds of students, postgraduate and postdoctoral researchers being trained.</p> <p><b>S. Logothetidis</b> in 1999 was elected Full Professor of Physics, while during 2005-2009 he served as Chairman of the Physics Department of AUTH</p> <p>He is the Director and Founder of the <b>Interdisciplinary Post-Graduate Program "Nanosciences &amp; Nanotechnologies" (N&amp;N)</b> of AUTH (<a href="http://nn.physics.auth.gr">http://nn.physics.auth.gr</a>), with participation of Depts. of Physics, Chemistry, Biology and Polytechnic School at 2003, and other Depts or Institutes from Greece and abroad. N&amp;N is the first PostGraduate Program in Europe in the rapidly evolving field of Nanosciences and Nanotechnologies. From its beginning up today 250 specialized scientists and 35 PhDs are graduated and currently there are 20 PhDs candidates and 50 active students.</p>

**Prof. S. Logothetidis** is the founder and director of the Thematic Research Network "**NANONET**" ([www.nano-net.gr](http://www.nano-net.gr)), which was founded in 2003 in collaboration of AUTH with other Universities, Research Institutes and Industrials stakeholders from Greece and abroad. Now includes more than 570 members around the globe (Research Labs from Greece (263), Europe (227), USA & Canada (39), Asia (32) and Africa (9).

In 2013 organized and he is Coordinator of **Hellenic Organic & Printed Electronics Association HOPE-A** ([www.hope-a.com](http://www.hope-a.com)), which aims to organize the Greek industrial and academic institutions active in the rapidly developing field of Organic Electronics and the establishment of the Greek Industry of Organic & Printed Electronics. In HOPE-A is involved a considerable number of entities (Universities, Companies, Industries) and has signed a memorandum of cooperation with the Agency Organic Electronics Saxony.

**S. Logothetidis** has organized many Workshops National and International Conferences with issues related to Nanosciences & Nanotechnologies, Materials – Processes – Metrology & New Technologies, development of mechanisms for the dissemination and exploitation of the research results.

Since 2003 he organizes the "**International Conference on Nanosciences & Nanotechnologies (NN)**", whereas from 2005 he is co-organizing the "Global Plastic Electronics Conference", the "International Symposium on Flexible Organic Electronics (**ISFOE**)" and the "International Summer Schools on Nanosciences & Nanotechnologies (**ISSON**)". From 2011 the NANOTECHNOLOGY multievent combines 2 International Conferences, an Exhibition, and the Summer School on Organic Electronics, Nanotechnologies and Nanomedicine (<http://www.nanotechology.com>). NANOTECHNOLOGY is established as the premier event in Nanosciences and Nanotechnologies, with more than 2000 participants (internationally acknowledged scientists and students) every year from 60 countries. In these events, the main goal is the presentation of the last scientific and research developments, the dissemination and exploitation of research results. These will lead to the strengthening of these scientific subjects worldwide.

<p><i>Five most important publications</i></p>	<ol style="list-style-type: none"> <li data-bbox="596 96 1465 320"> <p>1. Kamaraki, C., Zachariadis, A., Kapnopoulos, C., Mekeridis, E., Gravalidis, C., Laskarakis, A., <b>Logothetidis, S.</b> Efficient flexible printed perovskite solar cells based on lead acetate precursor Solar Energy 176 (2018) 406-411.</p> </li> <li data-bbox="596 344 1465 611"> <p>2. Janjic, M., Pappa, F., Karagkiozaki, V., Gitas, C., Ktenidis, K., <b>Logothetidis, S.</b> Surface modification of endovascular stents with rosuvastatin and heparin-loaded biodegradable nanofibers by electrospinning International Journal of Nanomedicine 12 (2017) 6343-6355.</p> </li> <li data-bbox="596 636 1465 936"> <p>3. Kapnopoulos, C., Mekeridis, E.D., Tzounis, L., Polyzoidis, C., Zachariadis, A., Tsimikli, S., Gravalidis, C., Laskarakis, A., Vouroutzis, N., <b>Logothetidis, S.</b> Fully gravure printed organic photovoltaic modules: A straightforward process with a high potential for large scale production Solar Energy Materials and Solar Cells 144 (2016) 724-731.</p> </li> <li data-bbox="596 960 1465 1227"> <p>4. <b>Logothetidis, S.</b>, Georgiou, D., Laskarakis, A., Koidis, C., Kalfagiannis, N. In-line spectroscopic ellipsometry for the monitoring of the optical properties and quality of roll-to-roll printed nanolayers for organic photovoltaics Solar Energy Materials and Solar Cells, 112 (2013) 144-156.</p> </li> <li data-bbox="596 1252 1465 1518"> <p>5. Kalfagiannis, N., Karagiannidis, P.G., Pitsalidis, C., Panagiotopoulos, N.T., Gravalidis, C., Kassavetis, S., Patsalas, P., <b>Logothetidis, S.</b> Plasmonic silver nanoparticles for improved organic solar cells Solar Energy Materials and Solar Cells 104 (2012) 165-174.</p> </li> </ol>
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