


## Short Curriculum Vitae

	<b>Name</b>	<b>Makis ANGELAKERIS</b>
	<b>Personal Info</b>	Born 15/03/1967, Married since 2005, father of one son
	<b>Current Post</b>	Associate Professor, Physics Department, Aristotle University of Thessaloniki
	<b>Contact Info</b>	<i>email:</i> <a href="mailto:agelaker@auth.gr">agelaker@auth.gr</a> <i>www:</i> <a href="http://users.auth.gr/agelaker">http://users.auth.gr/agelaker</a> , <a href="http://multigr.physics.auth.gr">http://multigr.physics.auth.gr</a> <i>Tel:</i> ++30231099-XXXX <i>Office:</i> -8172, <i>Labs:</i> -8169, -8299 <i>Fax:</i> -8172 <i>mail:</i> Department of Physics, Aristotle University, 54124, Thessaloniki, Greece
<b>Studies</b>	<ul style="list-style-type: none"> <li>• PhD, Physics Department, AUTH (2000)</li> <li>• BSc, Physics Department, AUTH (1990)</li> </ul>	
<b>Scientific Topics</b>	<ul style="list-style-type: none"> <li>• Synthesis of metallic (mainly magnetic) and semiconductor thin films, multilayers and nanoparticles</li> <li>• Structural, magnetic, electric, magneto-optic characterization of magnetic nanostructures</li> <li>• Biomagnetism applicability focusing on Magnetic Particle Hyperthermia and Magneto Mechanical Stress</li> </ul>	
<b>Scientific Overview</b>	<ul style="list-style-type: none"> <li>• 105 publications in peer review International Journals</li> <li>• 103 abstracts in International Conference Proceedings</li> <li>• 90 abstracts in Local Conference Proceedings</li> <li>• 14 invited presentations</li> <li>• 977 Citations (<i>excluding self-citations out of 1466 citations in Scopus: h-index: 19</i>)</li> <li>• Referee in 5 scientific journals</li> <li>• Supervisor in 3 PhD thesis, in 15 MSc theses and 17 BSc theses, Advisory committee member in 6 PhD theses</li> <li>• 11 participations in research projects</li> <li>• 5 participations in conference organization</li> <li>• Guest Editor in 4 special issues (<i>Modern Physics Letters B-2007, IEEE Trans. Magn. Conf. Ser. 2012, Journal of Nanomaterials 2012, Journal of Journal of Surfaces and Interfaces of Materials 2014</i>).</li> <li>• Sabbatical leave (Sep. 2011-Aug.12) at AG Farle, Physics Department, University Duisburg-Essen-Germany.</li> </ul>	
<b>Representative publications</b>	<ol style="list-style-type: none"> <li>1. «Self-assembled multifunctional Fe/MgO nanospheres for magnetic resonance imaging and hyperthermia», C. Martinez-Boubeta, Ll. Balcells, R. Cristófol, C. Sanfeliu, E. Rodríguez, R. Weissleder, S. Lope-Piedrafita, K. Simeonidis, M. Angelakeris, F. Sandiumenge, A. Calleja, Ll. Casas, Cl. Montyh, B. Martínez: <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> 6, Issue 2, 362-370 (2010).</li> <li>2. «Novel core-shell magnetic nanoparticles for Taxol encapsulation in biodegradable and biocompatible block copolymers: Preparation, characterization and release properties», M. Filippousi, S. A. Papadimitriou, D. N. Bikiaris, E. Pavlidou, M. Angelakeris, D. Zamboulis, H. Tiana, G. Van Tendeloo, <i>International Journal of Pharmaceutics</i> 448, 221– 230 (2013).</li> <li>3. «Hetero-nanocomposites of magnetic and antifungal nanoparticles as a platform for magnetomechanical stress induction in <i>Saccharomyces cerevisiae</i>», K. Giannousi, M. Menelaou, J. Arvanitidis, M. Angelakeris, A. Pantazaki and C. Dendrinou-Samara, <i>J. Mater. Chem. B</i> 3, 5341 (2015).</li> <li>4. «A novel strategy combining magnetic particle hyperthermia pulses with enhanced performance binary ferrite carriers for effective in vitro manipulation of primary human osteogenic sarcoma cells», A. Makridis, M. Tziomaki, K. Topouridou, M. P. Yavropoulou, J. G. Yovos, O. Kalogirou, T. Samaras, M. Angelakeris, <i>Int. J. Hyperthermia</i> 32(7):778-785. (2016).</li> <li>5. «Arrangement at the nanoscale: Effect on magnetic particle hyperthermia», E. Myrovali, N. Maniotis, A. Makridis, A. Terzopoulou, V. Ntomprougkidis, K. Simeonidis, D. Sakellari, O. Kalogirou, T. Samaras, R. Salikhov, M. Spasova, M. Farle, U. Wiedwald, M. Angelakeris, <i>Scientific Reports</i> 6, 37934 (2016).</li> <li>6. «In-situ particles reorientation during magnetic hyperthermia application: Shape matters twice», K. Simeonidis, M. Puerto Morales, M. Marciello, M. Angelakeris, P. de la Presa, A. Lazaro-Carrillo, A. Tabero, A. Villanueva, O. Chubykalo-Fesenko, D. Serantes, <i>Scientific Reports</i> 6, 38382 (2016).</li> </ol>	