Name	**Orestis Kalogirou** www.people.auth.gr/kalogiro
Position	Professor, Director at Laboratory of Magnetism & Magnetic Materials President of the Hellenic NARIC (National Academic Recognition & Information Centre)
Studies	Ph.D. Physics, Dept. of Physics, Aristotle University of Thessaloniki, 1988 B.Sc. Physics, Dept. of Physics, Aristotle University of Thessaloniki, 1983
Scientific expertise	Magnetic nanoparticles for biomedical applications (magnetic particle hyperthermia, MRI contrast agents, magneto-mechanical cell stress); rare-earth-transition-metal intermetallics for permanent magnet applications; superionic conductors.
Research activities	- 113 publications in peer reviewed journals - 19 publications in peer reviewed proceedings volumes - 134 international conference presentations - >2000 non-self-citations; h-index=24 - >20 invited talks - Principle Investigator in 10 R&D projects - Participation in 17 R&D projects - Member of Organizing Committee in 9 conferences - Co-chairman Joint European Magnetic Symposia (JEMS 2013) - Referee in peer reviewed journals (>200 papers) - Reviewer of R&D proposals for FP7, Austrian Science Fund, Romanian National Council for Research & Development, Fondo Nacional de Desarrollo Científico y Tecnológico de Chile (FONDECYT), Greek Secretary for Research & Technology, IKY - Supervisor in 10 PhD Theses - Supervisor in 26 MSc Theses - Member of the advisory board in 10 PhD Theses
Five most important publications	1. **O. Kalogirou**, V. Psycharis, L. Saettas and D. Niarchos, "Existence range structural and magnetic properties of $Nd_3Fe_{27.5}Ti_{1.5-y}Mo_y$ and $Nd_3Fe_{27.5}Ti_{1.5-y}Mo_yN_x$ ($0.0 \leq y \leq 1.5$)", J. Magn. Magn. Mater. 146, 335 (1995) (170 non-self-citations) 2. V.G. Harris, Y. Chen, A. Yang, S. Yoon, Z. Chen, A. Geiler, C.N. Chinnasamy, L.H. Lewis, C. Vittoria, E.E Carpenter, K. Carroll, R. Goswami, M.A. Willard, L. Kurihara, M. Gjoka and **O. Kalogirou**, "High coercivity cobalt carbide nanoparticles processed via polyol reaction: A new permanent magnet material", J. Phys. D: Appl. Phys. 43,165003 (2010) (107 non-self-citations) 3. A. Chalkidou, K. Simeonidis, M. Angelakeris, Th. Samaras, C. Martinez-Boubeta, Ll. Balcells, K. Papazisis, C. Dendrinou-Samara and **O. Kalogirou** "Magnetic mediated hyperthermia for cancer treatment by Fe/MgO nanoparticles" J. Magn. Magn. Mater. 323, 775 (2011) (86 non-self-citations) 4. G.Z. Kyzas, N.A. Travlou, **O. Kalogirou** and E.A. Deliyanni "Magnetic Graphene Oxide: Effect of preparation on Reactive Black 5 adsorption" Materials 6, 1360 (2013) (115 non-self-citations) 5. 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 and M. Angelakeris "Arrangement at the nanoscale: Effect on magnetic particle hyperthermia" Scientific Reports 6 art. no 37934 (2016) (136 non-self-citations)