

Short CV

<i>Name</i>	Maria Katsikini
<i>Position</i>	<ul style="list-style-type: none"> • Associate Professor, School of Physics, AUTH (Optical properties of solids and spectroscopy of solids) • Vice Precedent of the Hellenic Society for the Science and Technology of Condensed Matter
<i>Studies</i>	<ul style="list-style-type: none"> • PhD in Physics, School of Physics, AUTH in collaboration with the Hahn Meitner Institut Berlin (2000) • BSc in Physics, School of Physics, AUTH (1995)
<i>Scientific Expertise</i>	<ul style="list-style-type: none"> • Associate Professor, School of Physics, AUTH, 2016-today • Assistant Professor, School of Physics, AUTH, 2010-2016 • Lecturer, School of Physics, AUTH, 2004-2010 • Post Doctoral Fellow (Greek Scholarship Foundation-IKY), School of Physics, AUTH (11/2001-12/2002).
<i>Research Activities</i>	<ul style="list-style-type: none"> • 2 book chapters (Springer) • 84 publications in international peer-reviewed journals (938 citations, h-index=15) • 22 publications in conference proceedings of international conferences • 67 publications in conference proceedings of local conferences • 43 publications in Yearbooks of Synchrotron Radiation Facilities • Editor of Summer School Proceedings (1) • Project leader of 12 research programs (1 Post Doctoral research program funded by IKY, 10 projects in Synchrotron Radiation Facilities, 1 IKYDA project). • Participation in 12 research programs • Member of the Organizing Committee of 4 conferences, 1 summer school, 2 workshops • Referee in 22 international scientific journals, of proposals submitted to Synchrotron Radiation Facilities and Italian and Swiss research projects • Member of the advisory committee of 4 PhD Theses (1 is in progress - supervisor in 1). Supervisor of 21 MSc and BSc Theses • 15 invited talks • 25 and 18 participations in international and local conferences, respectively • L'Oreal – UNESCO award for “Women in Science” (greek program, 2007), 2 best-poster awards (in 1 local and 1 international conference), 1st award “Greece Innovates!” (responsible Assoc. Prof. of Chem. Eng. M. Mitrakas) <p style="text-align: right;">Scopus: 7004175625, ORCID : 0000-0002-8059-5539</p>
<i>Five most important publications</i>	<ol style="list-style-type: none"> 1. "Experimental determination of the N-p-partial density of states in the conduction band of GaN: Determination of the polytype fractions in mixed phase samples", M. Katsikini, E. C. Paloura, T. D. Moustakas, Journal of Applied Physics 83, 1437 (1998) 2. "Raman study of Mg, Si, O, and N implanted GaN", M. Katsikini, K. Papagelis, E. C. Paloura, S. Ves, Journal of Applied Physics 94, 4389 (2003) 3. "Tetravalent manganese ferrihydrite: A novel nanoadsorbent equally selective for As(III) and As(V) removal from drinking water", S. Tresintsi, K. Simeonidis, S. Estradé, C. Martinez-Boubeta, G. Vourlias, F. Pinakidou, M. Katsikini, E. C. Paloura, G. Stavropoulos, M. Mitrakas, Environmental Science and Technology, 47, 9699 (2013). 4. "Study of annealing induced devitrification of stabilized industrial waste glasses by means of micro-X-ray fluorescence mapping and absorption fine structure spectroscopy", F. Pinakidou, M. Katsikini, E. C. Paloura, P. Kavouras, Ph. Komninou, Th. Karakostas, A. Erko, Journal of Non-Crystalline Solids 351, 2474 (2005). 5. "Fe distribution and speciation in human nails", M. Katsikini, F. Pinakidou, E. Mavromati, E. C. Paloura, D. Gioulekas, D. Grolimund, Nuclear Instruments and Methods B 268, 420 (2010).