

Short CV

Name	Andreas Delimitis
Position	Assistant Professor, Physics department, AUTH
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Education	<ul style="list-style-type: none"> • PhD in Electron Microscopy of Catalysts, Faculty of Science, University of Liverpool, UK (2002) • MSc in Physics of Materials, Physics department, AUTH (1998) • BSc in Physics, Physics department, AUTH (1996)
Scientific Experience	<ul style="list-style-type: none"> • Assistant Professor, Physics department, AUTH (2024-), research field: <i>Transmission Electron Microscopy of Materials at the Nanoscale</i> • Researcher in Materials Science, University of Stavanger (UiS), Norway (2021-2023) • Senior Postdoctoral Fellow, UiS, Norway (2017-2020) • Research Scientist (EAE) B', CPERI/CERTH (2011-2017) • Adjunct Teaching Personnel, Hellenic Open University (2011-2016) • Research Scientist (EAE) Γ', CPERI/CERTH (2008-2011) • Postdoctoral Researcher, Physics department, AUTH (2003-2007) • New (Starting) Researcher, Physics department, AUTH (1996-1998) • Fellow of the Royal Microscopical Society (RMS), UK • Member of the European Microscopy Society (EMS)
Research Activity	<ul style="list-style-type: none"> • 83 papers in peer-reviewed journals • 14 papers in peer-reviewed conference proceedings • >80 announcements in international/local conferences and workshops • >3270 heterocitations, <i>h</i>-index: 26 • Participation in 24 R&D programs, principal or institutional coordinator in 6 of them • Reviewer in 19 international peer-reviewed journals • Editorial Board Member / Guest Editor in 5 journals • 6 conference organizing committee participation • Supervisor of 2 PhD, 8 MSc and 2 BSc students
Selected Publications	<ul style="list-style-type: none"> - Ordering of point defects in VPO precursors: effect on doping and catalyst performance, Andreas Delimitis, Appl. Catal. A, 376(1-2), 33 (2010) - Geometry determination and refinement in the rotation electron diffraction technique, Andreas Delimitis, Vidar Hansen, and Jøn Gjonnes, Ultramicroscopy 201, 68 (2019) - Electron channeling studies of atom site preference and distribution in doped Mg₂Si_{1-x}Sn_x thermoelectrics, A. Delimitis, Th. Kyratsi, and V. Hansen, Materialia 24, 101486 (2022) - Strain distribution of thin InN epilayers grown on (0001) GaN templates by molecular beam epitaxy, A. Delimitis, Ph. Komninou, G.P. Dimitrakopoulos, Th. Kehagias, J. Kioseoglou, Th. Karakostas, and G. Nouet, Appl. Phys. Lett. 90, 061920 (2007) - Impact of nanostructural features of thermochromic VO₂/TiO₂ bilayers on their electrical and optical properties, A. Rai, C. Locovei, G. Popescu Pelin, G. Socol, I.A. Ivan, V. Kuncser, V. Hansen, and A. Delimitis, Appl. Surf. Sci. 720(C), 165367 (2026) - n-type (Zr,Ti)NiSn half Heusler materials via mechanical alloying: Structure, Sb-doping and thermoelectric properties, G. Mesaritis, I. Ioannou, A. Delimitis, E. Hatzikraniotis, Y. Gelbstein, and Th. Kyratsi, J. Phys Chem. Sol. 167, 110735 (2022) - N₂O decomposition over ceria-promoted Ir/Al₂O₃ catalysts: The role of ceria, E. Pachatouridou, E. Papista, A. Delimitis, M.A. Vasiliades, A.M. Efstathiou, M.D. Amiridis O.S. Alexeev, D. Bloom, G.E. Marnellos, M. Konsolakis, and E. Iliopoulou, Appl. Catal. B: Env. 187, 259 (2016) - Effect of ball milling on the carbon sequestration efficiency of serpentized peridotites, I. Rigopoulos, A. Delimitis, I. Ioannou, A.M. Efstathiou, and Th. Kyratsi, Miner. Engineering 120, 66 (2018)