



Dr. Kyriakos I. Kourousis

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Education

2011	PhD Cyclic Plasticity of Metals, National Technical University of Athens
2002	MSc Computational Mechanics of Solids, National Technical University of Athens
2000	BSc (Hons) Aeronautical Engineering, Hellenic Air Force Academy

Employment

2014 – []	Associate Professor, University of Limerick, Ireland <ul style="list-style-type: none">Permanent Academic staff, School of EngineeringProgramme Director, AirworthinessGroup Leader, Metal Plasticity and Additive Manufacturing Group https://sites.google.com/ul.ie/mpamEASN University Lab Member since April 2022Group Leader, Airworthiness Group https://sites.google.com/ul.ie/airworthiness/
2012 – 2014	Lecturer (Assistant Professor), RMIT University, Australia <ul style="list-style-type: none">Permanent Academic staff, School of Aerospace, Mechanical and Manufacturing EngineeringProgramme Director, Aerospace and Aviation
2000 – 2012	Officer Aeronautical Engineer (Major res.), Hellenic Air Force, Greece <ul style="list-style-type: none">Engineering Officer, Mirage 2000 Airframe Technical Support, Airworthiness and Structural Integrity (Fatigue Index Monitoring) Programme Manager, Support CommandEngineering Officer, Mirage 2000 Maintenance & Continuing Airworthiness Quality Control & Assurance, 114 Combat Wing

Research Expertise and Experience

Metal Plasticity; Metal Additive Manufacturing; Airworthiness; Aviation Safety

Research Publications and Impact

- 70 peer-reviewed journal papers (Scopus/Web of Science-indexed)
- Scopus h-index 15; 978 citations | Web of Science h-index 14; 811 citations
- Google Scholar h-index 19; 1325 citations

Selected Research Grants

- Principal Investigator, High Cycle Fatigue of Additively Manufactured Ti-6Al-4V: Exploratory Testing and Analysis (€10,000), Boston Scientific, 2022
- Lead and co-Principal Investigator, Award of GE Concept Laser Mlab cusing R (US\$282,000), GE Additive Education, 2018
- Principal Investigator: Advanced Cyclic Plasticity Modelling for Fatigue Analysis of Australian Defence Force Aircraft Structures (AU\$60,000), Defence Science and Technology Organisation, Australia, 2014-2017