

Ilias Lappas
Senior Lecturer
Faculty of Computing, Engineering and Science
Engineering Research and Innovation Group



Employment

Senior Lecturer Aeronautical Engineering

Senior Lecturer
Faculty of Computing, Engineering and Science
22 Sept 2015 → present

Engineering Research and Innovation Group

Faculty of Computing, Engineering and Science
15 Sept 2014 → present

Research output

Conceptual Design, Flying, and Handling Qualities Assessment of a Blended Wing Body (BWB) Aircraft by Using an Engineering Flight Simulator

Humphreys-Jennings, C., Lappas, I. & Sovar, D. M., 28 Apr 2020, In: *Aerospace*. 7, 5, 19 p., 51.

Conceptual Design and Performance Optimization of a Tip Device for a Regional Turboprop Aircraft

Lappas, I. & Ikenaga, A., 27 Sept 2019, In: *Aerospace*. 6, 10, 22 p.

The Development of an Ordinary Least Squares Parametric Model to Estimate the Cost Per Flying Hour of 'Unknown' Aircraft Types and a Comparative Application

Lappas, I. & Bozoudis, M., 3 Oct 2018, In: *Aerospace*. 5, 4, 21 p., 5040104.

Use of Cost-Adjusted Importance Measures for Aircraft System Maintenance Optimization

Bozoudis, M., Lappas, I. & Kottas, A., 24 Jun 2018, In: *Aerospace*. 5, 3, 20 p., 68.

Anticipating the Need for New Skills for the Future Aerospace and Aviation Professionals

Lappas, I. & Kourousis, K. I., 1 Jun 2016, In: *Journal of Aerospace Technology and Management*. 8, 2, p. 232-241

Continuing Airworthiness: Major Drivers and Challenges in Civil and Military Aviation

Le, H. & Lappas, I., 2 Oct 2015, In: *Aviation*. 19, 4, p. 165-170 6 p.

21st Century Skills for the Aerospace Industry Workforce and Their Translation to the Classroom

Lappas, I. & Kourousis, K. I., Sept 2015.

Development of plasticity model for steel ratcheting simulation

Kourousis, K. & Lappas, I., Dec 2008, *United States Air Force Aircraft Structural Integrity Program Conference 2008*.

Prizes

NATO Scientific Achievement Award 2014

Lappas, Ilias (Recipient), Sept 2014

Qualifications

Teaching and Learning in Higher Education , Postgraduate certificate in developing professional practice in Higher Education
Nov 2014 → Aug 2015
Award Date: 11 Dec 2015

Business Administration, Master in Business Administration, EDHEC Business School
Sept 2012 → Aug 2013
Award Date: 28 Mar 2014

Aeronautics, MSc Aerospace Dynamics specializing in Aerodynamics, Cranfield University, College of Aeronautics
Sept 2005 → Sept 2006
Award Date: 14 Jun 2007

Aeronautics, MEng in Aeronautical Engineering, Hellenic Air Force Academy
25 Sept 1996 → 30 Jun 2000
Award Date: 30 Jun 2000

23 Feb 2024 → 23 Feb 2026 Fire Safety, Fire Safety

23 Dec 2022 → 23 Dec 2024 Data Protection Briefing: GDPR Edition, Data Protection Briefing: GDPR Edition

22 Dec 2022 → 22 Dec 2023 Module 1 - Quiz on Equality Diversity and Inclusion, Module 1 - Quiz on Equality Diversity and Inclusion

22 Dec 2022 → 22 Dec 2023 Module 2 - Quiz on Stereotypes Prejudice Assumptions and Unconscious Bias, Module 2 - Quiz on Stereotypes Prejudice Assumptions and Unconscious Bias

22 Dec 2022 → 22 Dec 2023 Module 3 - Quiz on Equality and the Law, Module 3 - Quiz on Equality and the Law

22 Dec 2022 → 22 Dec 2023 Module 3 - Quiz on Equality and the Law Types of Discrimination, Module 3 - Quiz on Equality and the Law Types of Discrimination

22 Dec 2022 → 22 Dec 2023 Module 4 - Quiz on Equality and USW, Module 4 - Quiz on Equality and USW

3 Mar 2020 → 3 Mar 2023 Risk Assessment, Risk Assessment

25 Jun 2018 → 2 Jul 2020 Data Protection Briefing: GDPR edition, Data Protection Briefing: GDPR edition

26 Jun 2018 → 26 Jun 2020 Information Security Essentials, Information Security Essentials

Feb 2015 → Mar 2018 Member, Royal Aeronautical Society, MRaES

6 Jun 2022 → ... enhanced flight test training, enhanced flight test training

15 Nov 2021 → ... Fast Track Your Research Impact, Fast Track Your Research Impact

14 Jul 2020 → ... USW Learning and Teaching Conference 2020, USW Learning and Teaching Conference 2020

20 Mar 2019 → ... TSL@USW: Developing your Claim for Senior Fellow, Fellow and Associate Fellow, TSL@USW: Developing your Claim for Senior Fellow, Fellow and Associate Fellow

6 Aug 2018 → ... Private Pilot Licence, Private Pilot Licence

6 Jul 2018 → ... TSL@USW: Developing your claim for Senior Fellow, TSL@USW: Developing your claim for Senior Fellow

14 Mar 2018 → ... Course Leaders Programme Cohort 2, Course Leaders Programme Cohort 2

7 Mar 2018 → ... Course Leaders Programme Cohort 2, Course Leaders Programme Cohort 2

Mar 2018 → ... Fellow, Royal Aeronautical Society, FRaES

28 Feb 2018 → ... Course Leaders Programme Cohort 2, Course Leaders Programme Cohort 2

13 Dec 2017 → ... LEEP FCES SESSION 3, LEEP FCES SESSION 3

27 Nov 2017 → ... USW Learning and Teaching Conference, USW Learning and Teaching Conference

26 Oct 2017 → ... CELT: Students as Partners - Cardiff - 26.10.17, CELT: Students as Partners - Cardiff - 26.10.17

29 Jun 2017 → ... USW Learning and Teaching Conference, USW Learning and Teaching Conference

1 Jun 2017 → ... Cranfield University Alumni event and Education Conference, Cranfield University Alumni event and Education Conference

8 May 2017 → ... How to become a Senior Fellow of the Higher Education Academy, How to become a Senior Fellow of the Higher Education Academy

6 Sept 2016 → ... RAeS Conference, RAeS Conference

Dec 2015 → ... Fellow, Higher Education Academy, FHEA

15 Oct 2014 → ... Risk Assessment, Risk Assessment