

Ilias Lappas  
Senior Lecturer  
Faculty of Computing, Engineering and Science



## Employment

### Senior Lecturer Aeronautical Engineering

Senior Lecturer  
Faculty of Computing, Engineering and Science  
University of South Wales  
22 Sep 2015 → present

### Senior Lecturer Aeronautical Engineering

Senior Lecturer  
Faculty of Computing, Engineering and Science  
University of South Wales  
22 Sep 2015 → 13 Sep 2022

## 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 Sep 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., Sep 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), Sep 2014

## Qualifications

Teaching and Learning in Higher Education , Postgraduate certificate in developing professional practice in Higher Education, University of South Wales

Nov 2014 → Aug 2015

Award Date: 11 Dec 2015

Business Administration, Master in Business Administration, EDHEC Business School

Sep 2012 → Aug 2013

Award Date: 28 Mar 2014

Aeronautics, MSc Aerospace Dynamics specializing in Aerodynamics, Cranfield University, College of Aeronautics

Sep 2005 → Sep 2006

Award Date: 14 Jun 2007

Aeronautics, MEng in Aeronautical Engineering, Hellenic Air Force Academy

25 Sep 1996 → 30 Jun 2000

Award Date: 30 Jun 2000

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 Sep 2016 → ... RAeS Conference, RAeS Conference

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

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