



Utku Kaftancıođlu, PhD

Research Assistant, Atılım University
Department of Mechanical Engineering
06830 İncek, Gölbaşı, Ankara/TURKEY
utku.kaftancioglu@atilim.edu.tr
Tel: +90 312 586 83 63

PERSONAL

Date of Birth	1996
Place of Birth	Ankara

EDUCATION

2020 - 2025	Atılım University, Department of Mechanical Engineering, Integrated PhD
2014 - 2020	Middle East Technical University, Department of Metallurgical and Materials Engineering, BSc

ACADEMIC POSITIONS

2024 - Now	Research Assistant, Department of Mechanical Engineering, Atılım University, Turkey
------------	---

HONORS&AWARDS

1	Graduated with Honors in Bachelor of Science (BSc), METU, METE, 2020
---	--

RESEARCH INTERESTS

1	Computational Solid Mechanics
2	Lifetime Assessment Modelling
3	Physics Assisted Neural Networks

PUBLICATIONS

1	Kaftancıođlu, U., Zambelis, G., Gatamorta, F., Miskiođlu, I., & Bayraktar, E. (2022). <i>Development of Ni-Al/Nb₂Al/ZrO₂-Based Composites for Aircraft Engine Applications Produced by a Combined Method: Sintering + Forging</i> . In <i>Society for Experimental Mechanics Annual Conference and Exposition</i> (pp. 55-60). Springer International Publishing.
2	Kasar, Ç.; Kaftancıođlu, U.; Bayraktar, E.; Aslan, O. Lifetime Prediction of Single Crystal Nickel-Based Superalloys. <i>Appl. Sci.</i> 2025, 15, 201. https://doi.org/10.3390/app15010201

PROJECTS

1	TEI ve Atılım Üniversitesi Havacılık ve Uzay Sektörüne Yönelik İleri Malzeme Modelleme Yöntemleri ve bu yöntemler için Tasarım, Analiz ve Test Metodlarının Geliştirilmesi, Burslu, Yürürlükte, BİDEB - Eğitim Burs Ve Etkinlik Destekleri Grubu, BİDEB-2244 / Üniversite-Sanayi İşbirliği Modeli
---	--