



**CURRICULUM VITAE**

Name and Surname: Uygar ŞAŞMAZ  
Date of Birth: 1983  
Academic Title: Assistant Professor  
Work Address:  
Email: usasmaz@biruni.edu.tr  
Foreign Languages Known (Score and Year): English, C2 Proficiency, 2017  
Area of Expertise: Artificial Intelligence, Computer Learning and Pattern Recognition  
Computer Sciences  
Experimental High Energy Physics Studies  
Natural Sciences  
Physics  
Physics Analysis and Simulation Studies  
Physics, High Energy Physics

Degree	Department/Program	University	Year
Doctorate	FİZİK MÜHENDİSLİĞİ (DR)	Gaziantep University	2020

Position Title	Workplace	Year
Assistant Professor	Biruni University	2021-Continues

**Roles in Projects:**

Karadenizde trol balıkçılık eforlarının Otomatik Tanımlama Sistemi (AIS) verileri yardımıyla tespiti (2023 - Continues)  
Yapay Sinir Ağları Yöntemini Kullanarak Benekli Kedi Köpek Balığının (Scyliorhinus Canicula) Yas Okuma Sürecinin Kolaylaştırılması (2024 - Continues)  
Led Projektör Merceği Tasarımı ve Prototip Üretimi (TÜBİTAK 1005, 118M568). (2018 - 2020)

**Memberships in Scientific Organizations:**

Recognized Scientific Organization (Associate Member) (2014 - 2019)

**PUBLICATIONS**

**A. Articles published in international peer-reviewed journals:**

- A1. "A ranking method for selection of  $\eta$  mesons in high multiplicity events", Acta Physica Polonica B, 2018.  
A2. "Gas gain stabilisation in the ATLAS TRT detector", Journal of Instrumentation, 2016.

**D. Articles published in national peer-reviewed journals:**

D1. "Environmental and behavioral drivers of Automatic Identification System gaps of Turkish trawlers in the Black Sea", *Frontiers in Marine Science*, 2025.

D2. "Application of an artificial neural network for constraining masses in particle decays", *New Trends in Mathematical Sciences*, 2023.