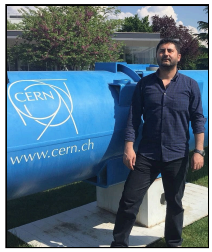
BİRUNİ UNIVERSITY "Future of Science"

CURRICULUM VITAE AND PUBLICATIONS LIST



CURRICULUM VITAE

Name and Surname:	Uygar ŞAŞMAZ
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:

1. *Karadenizde trol balıkçılık eforlarının Otomatik Tanımlama Sistemi (AIS) verileri yardımıyla tespiti*, Project Supported by Higher Education Institutions, Yıldız T. (Executive), Şaşmaz U., 2023-Continues.

2. *Yapay Sinir Agları YönteminiKullanarak Benekli Kedi Köpek Balıgının (Scyliorhinus Canicula) Yas Okuma Sürecinin Kolaylastırılması*, TUBITAK Project, Cömert N., Deniz T., Şaşmaz U. (Executive), 2024-Continues.

3. *Led Projektör Merceği Tasarımı ve Prototip Üretimi (TÜBİTAK 1005, 118M568).*, TUBITAK Project, Şaşmaz U., Bingül A. (Executive), 2018-2020.

Memberships in Scientific Organizations:

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

PUBLICATIONS

A. Articles published in international peer-reviewed journals:

A1. Yildiz T., Cömert N., Ferrà C., Şaşmaz U., Galdelli A., Tassetti A. N., "Environmental and behavioral drivers of Automatic Identification System gaps of Turkish trawlers in the Black Sea", *Frontiers in Marine Science*, vol. 12, 2025.

A2. Bingöl A., Şaşmaz U., Beddall A., "A ranking method for selection of η mesons in high multiplicity events", *Acta Physica Polonica B*, vol. 49, no. 4, pp. 727-740, 2018.

A3. Mindur B., Åkesson T., Anghinolfi F., Antonov A., Arslan O., Baker O., Banas E., Bault C., Beddall A., Bendotti J. vd., "Gas gain stabilisation in the ATLAS TRT detector", *Journal of Instrumentation*, vol. 11, 2016.

D. Articles published in national peer-reviewed journals:

D1. Şaşmaz U., "Application of an artificial neural network for constraining masses in particle decays", *New Trends in Mathematical Sciences*, vol. 11, no. 1, pp. 1-7, 2023.