

Uğur Atlı

📍 Bayrampaşa, Istanbul

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WORK EXPERIENCE

2019-2021

Researcher

Tubitak 1001Project, Off-Shell 6D/5D/4D relations

- Off-shell $N=(1,0)$ linear multiplets in six dimensions.

2016

Intern

TÜBİTAK Marmara Research Center, Accelerated Mass Spectroscopy (Ams) Laboratory

- Carbon-14 sample preparation.
- Dating by Carbon-14 analysis on organic-origin samples.

2016

Lab Assistant

Istanbul Technical University, Faculty of Science and Letters.

EDUCATION

2021 – 2023 Left

PhD in Physics Engineering(From MSc to PhD (directly))

Istanbul Technical University.

- Non-relativistic Gravity.
- Computational Physics.
- Data Analysis.

2017 –

MSc in Physics Engineering

Istanbul Technical University.

- Computational Physics.
- Supergravity in 6-D.

2012 – 2017

Bachelors's degree in Physics Engineering

Istanbul Technical University, Faculty of Science and Letters 3.03/4 GPA

- Computational Physics.
- Cosmology.
- Lambda-CDM Model.

PUBLICATIONS

2021

A solution to the de Sitter swampland conjecture versus inflation tension via supergravity

- Published in: JCAP04(2021)027, JCAP 04 (2021) 027
- e-Print: 2012.14920 [hep-th]

2020

Off-shell $N=(1,0)$ linear multiplets in six dimensions

- Published in: Eur.Phys.J.C 80 (2020) 12, 1199
- e-Print: 2010.14655 [hep-th]

SKILLS

Languages

English – B

- YÖKDİL exam/Science (85/100)

Computer	\LaTeX <ul style="list-style-type: none"> • Preparation and publication of scientific documents. Python <ul style="list-style-type: none"> • Data analysis (Pandas,Pandas-gbq,Scikit-learn). • Symbolic and numeric calculations(Sympy,NumPy,SciPy). • Data visualization, machine learning. • Differential equation solving. C++ <ul style="list-style-type: none"> • Molecular dynamics simulations. Fortran90 <ul style="list-style-type: none"> • Molecular dynamics simulations. SQL
	Cadabra <ul style="list-style-type: none"> • Symbolic calculations. SageMath
	Maple <ul style="list-style-type: none"> • GRTensor3 Matlab

ADDITIONAL INFORMATION

Interests	Solving sudoku, playing chess, playing video games, reading, opera, ballet, theatre, learning new things, researching new things, upgrading myself.
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Personal Information	Driver's License: No Military Obligation: No
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