

# Uğur Atlı

📍 Bayrampaşa, Istanbul

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## WORK EXPERIENCE

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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

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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

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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

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### Languages

English – B

- ITU English Proficiency

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

## ADDITIONAL INFORMATION

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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	<b>Driver's License:</b> No <b>Military Obligation:</b> No
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