

## Stefan Ivanov

Cambridge, UK

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## Education

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### University of Cambridge (Gonville & Caius College)

10.2019 – 06.2023

MSci in Natural Sciences

Class I (87%, Rank 8/102)

Dissertation: Black holes in a new relativistic theory for modified Newtonian dynamics;  
Supervised by Dr Will Barker and Dr Amel Durakovic

MSci courses: RAC, PEP, BP / ASM, FSU, EXO / GPP

BA courses: Physics, Mathematics, Materials Science, Earth Sciences

### “Acad. Nikola Obreshkov” High School, Burgas

09.2011 – 06.2019

High School Diploma

Grade 5.99/6.00

Main modules: Mathematics, Natural Sciences, English, Russian

## Work Experience

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### Freelance Teaching in Physics and Astronomy

09.2015 –

Taught Physics and Astronomy using original materials, from secondary school to second year university, with >700<sup>h</sup> of lecturing. Four students at International Science Olympiads.

## Personal Skills

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Languages: English (proficient), Russian (conversational), Bulgarian (native)

Computing: git, bash, Mathematica, MATLAB,  $\LaTeX$

Programming: C++, Python

## Outreach

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### High School Physics Competitions

05.2019 –

I manage Burgas Challenge, the largest online Maths & Physics competition in Bulgaria. I've served as a team leader for Bulgaria at various International Science Olympiads since 2022.

### 3 Invited Talks

01.2020 –

Popular science at regional forums.

## Selected Awards

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BP Nevill Mott prize for best theoretical physics project, University of Cambridge 2023

Senior scholarship, Gonville & Caius College 2021

Silver medal, International Geography Olympiad 2019

Gold medal, International Olympiad on Astronomy and Astrophysics 2017, 2018, 2019

Silver medal, European Physics Olympiad 2018

Gold medal, International Astronomy Olympiad 2015