



**Vasileios Skliris**

**Cardiff University**

**Research area: Gravitational Waves, Machine Learning**

**Project title:**

Machine Learning to extract gravitational wave transients.

**About me:**

I was born in Athens in 1991 and I was living there until last year. By young age I showed interest in science but astrophysics was my favourite subject. I have finished my Bachelor and Masters degree at the university of Athens where I found my interest in computational astrophysics. Except some basic computer courses, I learned some coding skills myself and I applied them to some astrophysical problems. My master thesis was me challenging myself to do something computational making a basic detection analysis of the first gravitational wave from scratch. My PhD gives me the opportunity to work on something fundamental and new. When something is fundamental I have motivation to work. Except my studies I also was a core member of LGBT+ N.G.O. in Athens (Colour Youth) which gave me great experience on community building and project management of small groups of people. I am also experienced on making interactive educational seminars.

**Research area:**

Machine Learning  
Data Analysis  
Deep Learning  
Gravitational wave Astronomy  
Computational Astrophysics

**Data Intensive Research Skills and Interests:**

Problem solving & Adaptation to problem environment, I really enjoy coding. I can apply and modify machine learning algorithms using Keras. I am also experienced on modifying different types of data. I am interested in AI applications and new methods of adaptive coding. Except research I really enjoy hiking, video games and D&D. I also like science outreach to people not related to academia.