

VASILIS VALATSOS

Curriculum Vitæ

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🐙 github.com/baledick

🌐 Vasilis Valatsos

Experience

2022-present **Alumni Database Manager**, *Students For Liberty*

Education

2014-2021 **B.Sc. Physics**, *National and Kapodistrian University of Athens*, Athens, Greece

2021-present **M.Sc. Statistics and Data Science**, *Università degli Studi di Torino*, Torino, Italy

Theses

2021 **The One-Dimensional Heisenberg Model, RG Methods and Numerical Simulation of the SDRG Process**, *B.Sc. Thesis, National and Kapodistrian University of Athens*, Code available upon request.

Presentations-Projects

2022 **Recreating the Black-Scholes Model for financial applications in Python using real-world data**, *Project for the course 'Computer Science with Python'*, Code available upon request.

June 2019 **Random Operators – Anderson Localisation**, *National and Kapodistrian University of Athens*, Presentation for the course Stochastic Processes in Physics.

Seminars-Workshops-Conferences

June 2022 **Machine Learning Crash Course**, *Università di Genova*, organised by MaLGa - Machine Learning Genoa Center.

March 2022 **Machine Learning from a Mathematical View Point: A Gentle Introduction**, *Università degli Studi di Torino*, Ernesto De Vito (Università di Genova), organized by UniTo.

July 2019 **Eighth Summer School in Operator Theory**, *National and Kapodistrian University of Athens*, organised by Emeritus Professor A. Katavolos.

December 2018 **Xmas Theoretical Physics Workshop @ Athens 2018**, *National and Kapodistrian University of Athens*, organized by Professor K. Sfetsos and Associate Professor V. Spanos.

December 2017 **Colloquium in honour of Fokion Hadjioannou**, *National and Kapodistrian University of Athens*, organized by Professor P.J. Ioannou and Associate Professor T. Apostolatos.

December 2017 **Xmas Theoretical Physics Workshop @ Athens 2017**, *National and Kapodistrian University of Athens*, organized by Professor K. Sfetsos and Associate Professor V. Spanos.

December 2017 **Lectures on Theoretical Physics 2017**, *National Technical University of Athens*, F. Farakos (Leuven U.) – An Introduction to Supergravity, organized by Konstantinos N. Anagnostopoulos, Nikos Irges, Alexandros Kehagias, Georgios Koutsoumbas.

Languages

Native Speaker Greek

Fluent English

Elementary Italian

Mastery of Proficiency (C2 level, Michigan ECPE)

Programming Languages

Expert Python, \LaTeX

Intermediate SQL, R

Beginner HTML5, CSS, JS