

Aymeric Vié

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Office: [Mathematical Institute](#)

Citizenship: French

Research interests Evolutionary Computation, Artificial Life, Complexity Economics

Education

University of Oxford Oxford, UK
PhD in Mathematics of Random Systems Sept. 2020 – Present
Supervisors: Doyne J. Farmer & Rama Cont

Paris School of Economics Paris, France
Master in Analysis and Policy in Economics Sept. 2018 Year – June 2020

Sciences Po St Germain-en-Laye, France
Master Diploma of Sciences Po, Economics Major Sept. 2014 - June 2019

University of Milan Milan, Italy
Master in Economics and Political Science Sept. 2016 - June 2017

University of Paris 1 Paris, France
BA in Law Sept. 2014 - June 2017

Awards and scholarships

Best Paper Award - Genetic and Evolutionary Computation Conference 2021
Nominated for Best Talk Award (6th/162) - ALife conference 2021
University of Oxford - UK ESPRC - Full funding award 2020-2024
University of Paris 1 - Outstanding research award 2020
Paris School of Economics - Research award 2020
Futur ICT - Research project funding 2019
Sciences Po - Research award 2016

Main publications

Full list (16)

Population network structure impacts genetic algorithm optimisation performance (Aymeric Vié) [*Best Paper Award at GECCO 2021*]

Genetic and Evolutionary Computation Conference, 2021

Deglobalization in a hyper-connected world (José Balsa-Barreiro, Aymeric Vié, Alfredo J Morales, Manuel Cebrián)

Nature Palgrave Communications, 2020

Emergence of more contagious COVID-19 variants from the coevolution of viruses and policy interventions (Aymeric Vié) [*Nominated for Best Talk Award at ALife 2021*]

Artificial Life Conference, 2021

Research affiliations
& collaborations

University of Oxford - Mathematical Institute, UK

University of Oxford - Institute of New Economic Thinking, UK

PhD student September 2020 – Present

New England Complex Systems Institute, Cambridge, USA

Research fellow. Mentor: Alfredo Morales (MIT) 2018 – 2020

French CNRS, France

Research intern (2x6 months): University of Cergy and Paris Institute for Complex Systems (Economics, Computer Science) 2018 – 2020

University of Milan, Italy

Graduate Researcher (Mathematical optimisation, Operations Research) 2016 – 2020

Teaching experience

Tutor & TA, Mathematical Institute (Uni. Oxford) 2021, 2022
Asset pricing - Master of Mathematical and Computational Finance

Teaching Assistant, Oxford Internet Institute (University of Oxford)
2021
Simulating Society - Agent-based Modelling

Industry Experience

Fidelity Investments: 2-week industry project on carry trade strategies
Spring 2021

Main talks

Synthetic Intelligence Forum March 2021

Full list (22)

Online talk on genetic algorithms with over 5,000 attendees.

ALife 2021 2021

GECCO 2021 2021

Skills

Programming, Modelling, Analysis

Proficient in: Python, Latex, Netlogo. *Familiar with:* R. Research Software Engineering (Alan Turing Institute, UK)

Languages

French (native), English (fluent)

Service and outreach

Reviews 2018 – Present

Journal of Economic Dynamics and Control (1); Technology Analysis & Strategic Management (1); RAIRO - Operations Research (5)

Professional
memberships

Society of Computational Economics

2018 – Present

Inter. Society of Artificial Life

2021 – Present

ACM Special Interest Group on Genetic and Evolutionary Computation

2021 – Present

Other interests

Go, Evolutionary Art, AI & Games