

Benoît de Courson

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Education

Ecole Normale Supérieure <i>"Elève fonctionnaire" (rank : 8)</i>	Paris 2017-2021
Sorbonne University, LJLL <i>MRES Mathematics for modeling (M2), with highest honours,</i>	Paris 2019-2020
ENS-EHESS <i>MRES Cogmaster (Cognitive social sciences, M1), with high honours,</i>	Paris 2018-2019
Panthéon Sorbonne University <i>History BA, with high honours,</i>	Paris 2017-2018
Janson de Sailly <i>Intensive classes (Khâgne B/L, humanities and social sciences),</i>	Paris 2015-2017

Research experience

Econophysix and complex systems (Ecole Polytechnique) <i>Research internship with J.-P. Bouchaud and M. Benzaquen</i> Agent based models applied to the research/imitation trade-off	Palaiseau March 2020 – September 2020
Center for behaviour and evolution (Newcastle University) <i>Research internship with Daniel Nettle</i> Stochastic control applied to the behavioral constellation of deprivation	Newcastle Sept. 2019 – Dec. 2019
Institut Jean Nicod (ENS) <i>Research internship with Jean-Baptiste André</i> Rational choice models applied to antisocial behaviour	Paris Jan. 2019–Juin 2019
Institut Jean Nicod (ENS) <i>Research internship with Nicolas Baumard</i> Web data mining on the scientific revolution and econometry on these data	Paris Dec. 2017–Juin 2019

Publications

1. de Courson B., Baumard N. (2019, *preprint*) Quantifying the scientific revolution
2. de Courson B., Nettle D. (2021, *Scientific Reports*) Why do inequality and deprivation produce high crime and low trust?
3. de Courson B., Fitouchi L., Bouchaud J.-P. & Benzaquen M. (2021, *preprint*) Why does individual learning endure when crowds are wiser?

Teaching, seminars

- Why do inequality and deprivation produce high crime and low trust ? (2021 conference of EHBEA (*European Human Behaviour & Evolution Association*) in Krakow, long talk)
- Organizer (with Léo Fitouchi) and speaker of the seminar "Naturaliser les sciences sociales" (ENS-DEC) (Speakers : Dan Sperber, Pascal Boyer, Coralie Chevallier...) (2019)
- Weekly international politics pieces at the *Matinale de l'ENS*, a student webradio (2018-...)
- Teacher of the module "Algebra for economists" (2020 & 2021, L2, CPES (PSL))
- Math interrogations ("Khôlles") in intensive classes B/L (lycée de Janson de Sailly, 2018-...)

Informatic skills

- *Python* (Advances skills, especially in dynamic programming, machine learning and object oriented programing)
- R (advanced skilles, especially in web scrapping, data visualization, stats and cartography)
- Julia (basics)
- \LaTeX