

Elias VENTRE

27/09/1990

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Curriculum Vitae

EDUCATION

- Since 2019 **INRIA Dracula & LBMC – PhD in applied mathematics.**
▪ *Stochastic hybrid processes for modeling gene expression at the single-cell level.*
- 2017-2019 **UCBL Lyon 1 – Master in applied mathematics, with highest honor (2/39).**
- 2013-2015 **ENSA Paris-Belleville – Master in Architecture.**
▪ *One-year exchange program in UC, Santiago de Chile (2014).*
- 2010-2013 **ESTP Paris – Master in Building Engineering.**
- 2008-2010 **Lycée Fénélon – Classes préparatoires aux grandes écoles.**
- 2008 **Lycée Louis Le Grand – High School Diploma, with honor.**

TEACHING & PROFESSIONAL ACTIVITIES

- Since 2019 **UCBL, Teaching assistant.**
▪ *In charge of the course of General Mathematics for 1st-year students.*
- 2018-2019 **LBMC, Internships in applied mathematics.**
▪ *Mathematical formulation of Waddington Landscape for a stochastic hybrid model of gene expression (4 months).*
▪ *Computation of transfer entropy for a Piecewise Deterministic Markovian Process (1 month).*
- 2015-2017 **SYNTESIA, Project manager in Building Information Modeling – 22 months.**
- 2013 **ARTER, Engineering of ephemeral art – 6 months.**

LANGUAGES

French	Mother tongue.
English & Spanish	Fluent.
Informatics	Python & C, Latex.

TALKS & POSTERS

- 01/2022 **Université de Lyon, MMCS group – Lyon.**
- 12/2021 **NETBIOS research group – virtual.**
- 12/2021 **MAMOEVI research group – Paris.**
- 06/2021 **Université de Lorraine, Probabilistic group – Nancy.**
- 05/2021 **SMAI, Congress – Poster.**
- 12/2020 **SinCellMod-2020 – Virtual.**
- 10/2020 **ANR SingleStatOmics – Virtual.**
- 02/2020 **CIRM, Research School – Poster.**
- 10/2019 **INRIA-Bio Workshop – Lyon.**

PERSONAL

Violin and Guitar.

Acting in lay theatre.

Tennis in competition, hiking.