

Samuel Tréton

Curriculum Vitae

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born 10th of March 1997

Education

- Since 2021 **PhD student in mathematics**, *University of Rouen, Normandie, France*.
Subject: MAThematical model for fast diffusion CHAnnels in population dynamics and epidemiology (MAT^{CHA})
- 2012 – 2021 **Master's Degree in mathematics**, *University of Rouen, Normandie, France*.
Reached with highest honours
- 2015 – 2018 **Bachelor Degree in mathematics**, *University of Rouen, Normandie, France*.
Reached with honours

Teaching

- 2020–2021 Statistical modeling for biology *Master degree of Biology - Lecture and practical work*
- 2016–2020 Private lessons *For children up to high school*

Experience

- 6 months, 2019 **Master's thesis (Second year)**, *University of Rouen*.
Subject: Reaction-Diffusion equations on a Field-Road space
◦ Supervised by Matthieu Alfaro
- 5 months, 2019 **Master's thesis (First year)**, *University of Rouen*.
Subject: Sperner's lemma and applications
◦ Supervised by Thierry de la Rue
- 5 months, 2018 **Bachelor's thesis**, *University of Rouen*.
Subject: Cauchy-Pompéiu formula
◦ Supervised by Simon Raulot

Participation to conferences

- 11th-15th October 2021 **Conference CIRM 2396 - Non-Local Models Arising from Biology**, *Marseille (France)*.
- 7th-9th October 2021 **"Fête de la Science" - Presentation of the LMRS stand**, *Rouen (France)*.
- June 2021 **Day "PDE and Applications"**, *Le Havre (France)*.
- May 2021 **MBMC2021: Mathematical Biology on the Mediterranean Coast - Online Conference**, *Paris (France)*.

Languages

French	<i>Native speaker</i>
English	<i>Fluent reading, writing and speaking</i>
German	<i>In process of acquisition</i>

IT

Numerical computation	<i>Scilab, FreeFem++, Paraview</i>
Vectorial drawing	<i>Inkscape</i>
Web languages	<i>HTML, CSS</i>
Automation of tasks	<i>AutoHotKey</i>

Interests

- Hiking (Albâtre coast in 2018: 130 km)
- Bike tour (Normandy cross in 2019: 300 km)
- School support for children of a Syrian refugee family in the framework of the association "France terre d'asile"