

# THOMAS ROBIGLIO

Via Saluzzo 31, 10125, Torino, Italy

(+39)3931663146 ♦ robigliothomas@gmail.com ♦ thomasrobiglio.github.io

## EDUCATION

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**PoliTO, SISSA, ICPT, Université de Paris, Paris-Saclay, Sorbonne** *September 2021 - Now*  
Master of Science program in Physics of Complex Systems *Current avg. 28.65/30*  
International Track *Expected graduation July 2022*

**Università degli Studi di Torino** *September 2018 - July 2021*  
Bachelor degree in Physical Science and Technology *107/110*  
Thesis: “*Interacting contagion models on simplicial complexes*”  
Supervisors: Prof. M. Osella, Dr. G. Petri  
Department of Physics *Graduated 20/07/2021*

**Liceo Scientifico Statale Piero Gobetti, Torino** *September 2013 - July 2018*  
Maturità Scientifica *97/100*

## RESEARCH AND PUBLICATIONS

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- [1] Maxime Lucas et al. *Simplicially driven simple contagion*. 2022. DOI: 10.48550/ARXIV.2206.07645. URL: <https://arxiv.org/abs/2206.07645>.

## EXPERIENCE

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**ISI foundation** *April 2021 - July 2021*  
*Student*

Assisted senior research scientist Dr. Giovanni Petri ([giovanni.petri@isi.it](mailto:giovanni.petri@isi.it)) in the study of high-order interactions and spreading phenomena on simplicial complexes. The result of this work has been the focus of my undergraduate thesis and of a recently published preprint [1].

**IPSP-CNR Torino** *March 2017 - June 2017*  
*Intern*

Integrated study-work experience focusing on learning basic biology methodologies.

### Volunteering Activities

I am an active member of the Scout Group Torino 85. This entails various volunteering activities with the elderly and the less fortunate. Moreover, I am the chief-educator of a group of 12-16 y/o teens, managing and organizing outdoor activities, social events and field trips twice a week.

## TECHNICAL STRENGTHS

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- \* Python 🐍, Julia, C++, ROOT, Wolfram Mathematica
- \* MS Office Package, L<sup>A</sup>T<sub>E</sub>X
- \* **Languages:** French, Italian (Native) English (Proficient).

## INTERESTS

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Italian politics, novels, podcasts. Sports junkie: football (Torino FC), cycling and mountaineering.