






Timothé Picavet




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Studies

Curriculum

2014–2017	High school (science section) LYCEE TURGOT · Paris 📍 
2017–2019	Preparatory classes LYCEE SAINT LOUIS · Paris 📍 MPSI and MP* classes 
2019–2020	Bachelor of Mathematics UNIVERSITE LYON 1 · Lyon 📍 
2019–2023	Bachelor and Master of Computer Science ENS DE LYON · Lyon 📍 
2023–2026	PhD in computer science LABRI, UNIVERSITE DE BORDEAUX · Bordeaux 📍 

Diplomas

2017	Baccalauréat S SPE MATHS · Lycée Turgot, Paris 📍 
2020	Mathematics BACHELOR · Univer- sité Lyon 1 📍 
2022	Fondamentals of computer science MASTER · ENS de Lyon 📍 

Skills and experience

Languages

French	mother tongue
English	fluent (CAE grade A)
German	B1 level
Italian	B1 level

Research internships

L3	with Binh-Minh Bui-Xuan
M1	with Paul Wollan
M2	with Marthe Bonamy and Alexandra Wesolek
PLR1	with Mathieu Mari and Michał Pilipczuk
PLR2	with Jukka Suomela

Coding languages

Python C++ OCaml OpenGL

2024

- **Distributed Binary Labeling Problems in High-Degree Graphs**, *SIROCCO 2024*, with Henrik Lievonen and Jukka Suomela. [arXiv version, publisher version]

2023

- **Brief Announcement : Distributed Derandomization Revisited**, *DISC 2023*, with Sameep Dahal, Francesco D'Amore, Henrik Lievonen and Jukka Suomela. [arXiv version, publisher version]
- **A parameterized approximation scheme for Geometric Knapsack problem with wide items**, *IPEC 2023*, with Mathieu Mari and Michal Pilipczuk. [arXiv version, proceedings in edition process]

2021

- **Temporal Matching on Geometric Graph Data**, *CIAC 2021*, with Ngoc-Trung Nguyen and Binh-Minh Bui-Xuan. [HAL version, publisher version]

Teaching

IUT de Bordeaux

- Algorithms and data structures, 2023-2024.
- Java and C++ programming projects, 2023-2024.

Talks

2024

- **Locally finding dominating sets in $K_{2,t}$ -minor-free graphs**, at *Discrete Mathematics Seminar, TU Berlin*.

2023

- **Brief Announcement : Distributed Derandomization Revisited**, at *DISC 2023* and *AlgoDist seminar, LaBRI, Bordeaux*.
- **A parameterized approximation scheme for the 2D-Knapsack problem with wide items**, at *IPEC 2023* and *ALGCo seminar, LIRMM, Montpellier*.
- **Locally finding dominating sets in $K_{2,t}$ -minor-free graphs**, at *MIMUW seminar, Warsaw, ALGCo seminar, LIRMM, Montpellier, and JGA 2023*.

2022

- **Locally approximating dominating sets in $K_{2,t}$ -minor-free graphs**, at *GO seminar, LaBRI, Bordeaux*.

2021

- **Temporal Matching on Geometric Graph Data**, at *CIAC 2021*.

2020

- **Couplage temporel et géométrie**, at *JGA 2020*.

Hobbies



Competitive
programming (2nd
at TRACS 2019,
Prologin 2020
finalist)



Chess



Hiking, bouldering,
diving



Music, piano,
composition



Traveling