Curriculum vitae

Matthieu Petiteau

2025-12-10

Education

- **PhD in Graph Theory** *(ongoing) Grenoble-Alpes University, 2023-2026*
- **Engineer's degree in Informatics and Applied Mathematics**
  Grenoble-INP, Ensimag, 2020-2023
- **Master's degree in "Operations Research, Combinatorics and Optimization"**
  Grenoble-Alpes University, 2022-2023

Publications

Note about the complexity of the acyclic orientation with parity constraint problem
with S. Gravier and I. Sivignon
Hal, arXiv

Talks

- Journées Graphes et Algorithmes *JGA 2025* (Paris, France), 18-21 November, 2025, Talk : **Constrained acyclic orientations of grids**

- European Conference on Combinatorics *Eurocomb'2025* (Budapest, France), 25-29 August, 2025, Talk : **Graph reconstruction from queries on triples**

- Combinatorial-Optimisation Team Seminar (*G-SCOP*, Grenoble, France), 10 July, 2025 Talk : **Graph reconstruction from queries on triples of vertices**

- Journées Graphes et Algorithmes *JGA 2024* (Dijon, France), 19-22 November, 2024, Talk : **About the complexity of the acyclic orientation with parity constraint problem**

- Graphs and Complexity days 2025 (Lyon, France), 7-8 April, 2025

- GaLac Team Seminar (*LISN*, Paris, France), 24 May, 2024, Talk : **About the complexity of the acyclic orientation with parity constraint problem**

- Summer school Graphs and Algorithms *EPIT 2024*, (Aussois, France), 13-17 May, 2024

Other Experiences

- **Research Internship in graph theory**
  Institut Fourier, 5 month, 2023

- **Internship to improve the debugging tools of Alma Nesting team**
  Alma, 3 month, 2022

- **Software project, development of a compiler for a sub-language of Java**
  Ensimag, 1 month, 2022

- **Supply-chain internship**
  Schneider electric, 1 month, 2021

- **Software project in C, graphic interface development**
  Ensimag, 1 month, 2021