

Jonas Sénizergues

Teaching assistant at Bordeaux University

16 rue Albert Thomas

33130 Bègles

☎ +33 6 51 58 42 88

✉ jonas.senizergues@u-bordeaux.fr



Diplomas

- 2022 **PhD**, *Computer Science*, Université Paris-Saclay
- 2015 **ENS diploma**, ENS Cachan
- 2014 **Agrégation de Mathématiques**, (a prestigious mathematics competitive exam in France)
- 2013 **Master**, *Computer Science*, MPRI
- 2011 **Licence**, *Computer Science*, ENS Cachan

Cursus dans l'enseignement supérieur

- 2018–2022 **PhD**, *LISN*, Université Paris-Saclay, Orsay
- 2014–2015 **Master BIBS**, *Université Paris-Sud*, Orsay
- 2013–2014 **Training for the Agrégation de Mathématiques competitive exam**, *ENS Cachan*, Cachan
- 2011–2013 **Master in Computer Science**, *MPRI*, Paris
- 2010–2013 **Computer Science**, *ENS Cachan*, Cachan
- 2008–2010 **CPGE**, *Lycée Michel Montaigne*, Bordeaux

Publications and Preprints

- 2023 **Making Self-Stabilizing Algorithms for any Locally Greedy Problem**, *Johanne Cohen, Laurence Pilard, Mikaël Rabie and Jonas Sénizergues*, SAND 2023
- 2021 **Self-Stabilization and Byzantine Tolerance for Maximal Independent Set**, *Johanne Cohen, Laurence Pilard and Jonas Sénizergues*, SSS 2021
- 2014 **Formalization of Shannon's Theorems**, *Reynald Affeldt, Manabu Hagiwara, and Jonas Sénizergues*, JAR 2014
- Submitted to IWOCA 2024 **Minimum Colored Maximum Matchings in vertex-colored Graphs**, *Johanne Cohen, Yannis Manoussakis and Jonas Sénizergues*
- To be submitted¹ **Self-Stabilization and Byzantine Tolerance for Maximal Independent Set (journal ver.)**, *Johanne Cohen, Laurence Pilard, François Pirot and Jonas Sénizergues*
- To be submitted¹ **Byzantine tolerance for Minimal Clique Decomposition**, *Johanne Cohen, Laurence Pilard and Jonas Sénizergues*

Languages

- French Native speaker
- English At least C1 (asserted by a test in 2011)
- Spanish B1
- Japanese A2

Programming languages

- ssr-Coq
- OCaml
- Python
- Java

¹A version of these work are available in my PhD manuscript *Independent sets and beyond, through the prism of distributed systems and colored graphs*.