

Anne Gagneux

21 · 07 · 1998 | LYON, FRANCE

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EXPERIENCE

- Oct. 2023–Now | ENS DE LYON, INRIA OCKHAM (FRANCE) | **PhD, supervised by Rémi Gribonval, Mathurin Massias and Emmanuel Soubies** : *"Properties of proximal operators-learning neural networks"*
 - [Anne Gagneux](#), Mathurin Massias, Emmanuel Soubies, Rémi Gribonval. [Convexity in ReLU Neural Networks: beyond ICNNs?](#), submitted.
- June 2024–Sept. 2024 | TU BERLIN (GERMANY) | **Research internship** supervised by Pr. Gabriele Steidl.
 - Ségolène Martin*, Anne Gagneux*, Paul Hagemann*, Gabriele Steidl. [PnP-Flow: Plug-and-Play Image Restoration with Flow Matching](#), ICLR 2025. [Code repo.](#)¹
- April 2023–Sept. 2023 | LYON | **Research internship in nonconvex optimization** supervised by Mathurin Massias and Emmanuel Soubies : *"Improving sparse penalties with non convexity and coefficient clustering"*

EDUCATION

- 2022–2023 | **ENS Paris-Saclay**, MSc in Machine Learning (MVA)
 - Optimization, inverse problems, computational statistics, optimal transport, generative modeling, kernel methods.
- 2019–2023 | **École des Ponts ParisTech**, Major in Applied Mathematics and Computer Science

SKILLS

- **Languages** : English, French.
- **Coding** : Python (PyTorch, Tensorflow, Jax), C++, R, Git.

1. * denotes equal contribution