

Curriculum vitae

PERSONAL INFORMATION **Vasilii Feofanov, Ph.D.**

📍 Arcs de Seine, 18-20 Quai du Point-du-Jour, 92100 Boulogne Billancourt

✉ vasilii.feofanov@gmail.com ✉ vasilii.feofanov@huawei.com

Gender Male | Nationality Russian

Spoken Languages Russian, English, French

WORK EXPERIENCE

2022 – Present **Senior Research Engineer**

Employer [Huawei Noah's Ark Research Lab](#), France

Responsibility Supervise students, lead research in time-series foundation models.

Keywords Forecasting, Time Series Foundation Models, Unsupervised Performance Prediction

2018 – 2021 **Research Scientist**

Employer [Grenoble Computer Science Laboratory \(LIG\)](#), France

Keywords Semi-supervised Multi-class Classification, Ensemble Learning, Feature Selection

May 2017 – July 2017 **Research Intern**

Employer [Inria Grenoble Research Center](#), France

Keywords HPC Job Scheduling, Feature Selection, Applied Machine Learning

2014 – 2016 **Private Tutor**

- Responsibility
- High school students: math, computer science
 - University students: calculus, probability, statistics

EDUCATION AND TRAINING

2018 – 2021 **PhD in Machine Learning**

Institution [Grenoble Alpes University](#), France

Topic Learning with Partially Labeled Data for Multi-class Classification and Feature Selection
Supervised by M.-R. Amini and E. Devijver, defended on [September 29, 2021](#).

2017 – 2018 **Master 2 in Data Science (First-Class Honors)**

Institution [Grenoble Alpes University](#), France

2016 – 2017 **Master 1 in Computer Science**

Institution [Grenoble Alpes University](#), France

2012 – 2016 **Bachelor in Applied Mathematics**

Institution [Saint-Petersburg State University](#), Russia

CODE

Packages Mantis: Time Series Classification Foundation Model. [GitHub](#), [Hugging Face](#).

PyTorch implementation of SAMFormer. [GitHub](#).

Multi-class Self-training Algorithm. [GitHub](#).

PUBLICATIONS

- First or co-first author** V. Feofanov, S. Wen, M. Alonso et al. (2025). Mantis: Lightweight Calibrated Foundation Model for User-Friendly Time Series Classification. *arXiv:2502.15637*.
- R. Xie, A. Odonnat, V. Feofanov et al. (2024). MaNo: Exploiting Matrix Norm for Unsupervised Accuracy Estimation Under Distribution Shifts. *NeurIPS'24, acc. rate 25.8%*.
- V. Feofanov, E. Devijver, M.R. Amini (2024). Multi-class Probabilistic Bounds for Majority Vote Classifiers with Partially Labeled Data. *JMLR*.
- V. Feofanov, M. Tiomoko, A. Virmaux (2023). Random Matrix Analysis to Balance between Supervised and Unsupervised Learning. *ICML'23, acc. rate 27.9%*.
- V. Feofanov, E. Devijver, M.R. Amini (2022). Wrapper Feature Selection with Partially Labeled Data. *Applied Intelligence*.
- V. Feofanov, E. Devijver, M.R. Amini (2019). Transductive Bounds for the Multi-class Majority Vote Classifier. *AAAI'19, oral, acc. rate 16.2%*.
- Master supervisor** A. Odonnat, V. Feofanov & I. Redko (2024). Leveraging Ensemble Diversity for Robust Self-Training in the Presence of Sample Selection Bias. *AISTATS'24, acc. rate 27.6%*.
- Collaboration** A. Benechehab, V. Feofanov, G. Paolo et al. (2025). AdaPTS: Adapting Univariate Foundation Models to Probabilistic Multivariate Time Series Forecasting. *arXiv:2502.10235*
- S. Wen, V. Feofanov, J. Zhang (2024). Measuring Pre-training Data Quality without Labels for Time Series Foundation Models. *NeurIPS'24 Workshop*.
- R. Ilbert, A. Odonnat, V. Feofanov et al. (2024). SAMFormer: Unlocking the Potential of Transformers in Time Series Forecasting. *ICML'24, oral (144/2610), acc. rate 27.5%*.
- R. Ilbert, M. Tiomoko, C. Louart et al. (2024). Analysing Multi-Task Regression via Random Matrix Theory for Time Series Forecasting. *NeurIPS'24, spotlight, acc. rate 25.8%*.
- M.R. Amini, V. Feofanov, L. Pauletto et al. (2024). Self-training: A survey. *Neurocomputing*.
- R. Xie, A. Odonnat, V. Feofanov et al. (2024). Characterising Gradients for Unsupervised Accuracy Estimation under Distribution Shift. *arXiv:2401.08909*.

ADDITIONAL INFORMATION

- Invited Talk** PFIA (2019), Accor DS Seminar (2023, 2025), LIG Aptikal Seminar (2024)
- Honours and awards** French Government Scholarship (2016).
- Huawei PRC Award: Future Star (2024), Individual Gold Medal (2025)
- Reviewing** NeurIPS: 2019, 2020 (top 10% best); ICML: 2021 (expert), 2023, 2024 (best award), 2025.
- Teaching** Statistical Analysis and Document Mining: Spring 2019, 2020, 2021.
- Modeling Seminars and Projects: Autumn 2019.
- Hackathon Competitions** "Data Science Game 2018". Qualification: 13th place over 128 teams. Final: 6th place over 20.