



- 09/2024 | **Leveraging Graph Neural Networks to Forecast Electricity Consumption**, ECML PKDD — ML4SPS workshop. Vilnius, Lithuania.  
*This talk presents the use of GNN for forecasting electricity consumption. In particular, graph inference and explainability methods are presented, with applications on synthetic and real datasets.*
- 05/2024 | **Forecasting Net Load in France: The EDF Data-Challenge**, Journées de Statistiques (SFdS). Bordeaux, France.  
*This talk presents a Data-Challenge focused on improving short-term electricity net demand forecasting in the context of a decentralized power grid.*

## Student Supervision

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- 2025 | **Itai Zehavi**, M1 ARIA — ENS Paris-Saclay  
*Analyzed Graph Attention Networks (GATs) for electricity forecasting and explored explainability methods for transformers and GNNs.*

## Education

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- 2024 - 2027 | **École Normale Supérieure Paris-Saclay**, Gif-sur-Yvette, France  
*PhD in Mathematics*
- 2022 - 2023 | **École Normale Supérieure Paris-Saclay**, Gif-sur-Yvette, France  
*M.Sc Mathématiques, Vision, Apprentissage (MVA)*
- 2021 - 2022 | **Twente University**, Enschede, Netherlands  
*Erasmus Exchange Program — Applied Mathematics*
- 2020 - 2023 | **Télécom SudParis**, Évry, France  
*B.Sc & M.Sc — Engineering Degree*

## Personal Projects

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- **PostdocTracker**. An interactive web application to track and visualize opportunities in machine learning and related fields.
- **Interactive Map of French Municipal Elections**. An interactive map visualizing the dynamics of municipal elections in France, allowing users to explore voting patterns across parties and time periods.