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Summary

I'm a PhD student at University of Liège working on the use of deep learning for Sciences. I mainly work with generative/probabilistic methods to address model misspecification in Simulation-based Inference.

Education

2023 - present   **PhD in Deep Learning for Sciences @Uliège**
F.R.S.-FNRS Research Fellow
Under the supervision of Pr. Gilles Louppe
Working title: Overcoming model misspecification with deep learning

2021 - 2023   **MSc. in Electrical Engineering @Uliège**
Focus : Signal processing and intelligent robotics
Graduated magna cum laude (87%)
Thesis title: Data assimilation as Simulation-based Inference

2018 - 2021   **BSc. in Electronics and Computer Engineering @Uliège**
Graduated magna cum laude (79%)

Experience

Summer 2022   **Student intern @Haulogy**
Under the supervision of Pr. Damien Ernst and Dr. Antonio Sutera
Subject: Time series forecasting using Machine/Deep Learning techniques

2019 - 2023   **Student Instructor @Uliège**
I gave (11 mandates) various working sessions in computer sciences, electrical engineering and basic engineering courses. I also worked as a tutor in the SI-PASS program of the faculty.

Publications

- Google Scholar : https://scholar.google.com/citations?user=YZxxzigAAAAJ&hl=fr