**AI for Scientists – An Introduction - schedule**

**Thursday, May 8**

11:00-12:00 → What is AI? The Big Picture. AI for Science?

12:00-13:00 → Lunch

13:00-14:00 → Machine Learning for Data Analysis: Predicting Sequences (TS Data) (Introduce ML first)

14:00-15:00 → Bayesian Optimization

15:00-15:30 → Coffee Break

15:30-17:30 → Practical Lab on ML for Data Analysis (TS Data Exercises)

19:00 → Dinner

**Friday May 9**

09:00-10:00 → XAI (Definitions, Tools, Methods)

10:00-11:00 → The ML Process & Uncertainty in ML (Data-related & Model-related)

11:00-12:00 → Exercise on XAI and Uncertainty

12:00-13:00 → Lunch

13:00-14:00 → Generative AI (Diffusion, GANs, VAEs), Language Models

14:00-15:00 → Exercise on Generative AI