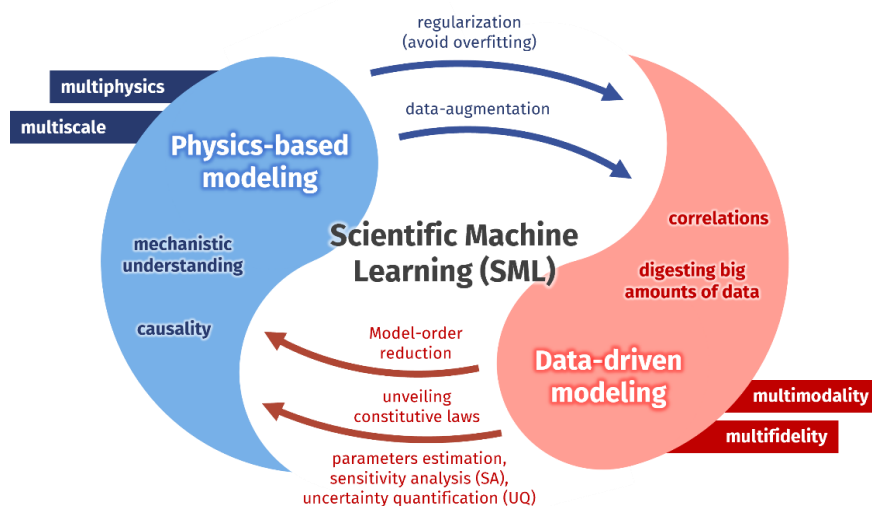


PostDoc Positions in Scientific Machine Learning

Opportunity: Postdoctoral positions at MOX, *Dep. of Mathematics, Politecnico di Milano (Italy)*, funded by the FIS (Italian Science Fund) Starting Grant (1.3 M€, P.I. Francesco Regazzoni) “SYNERGIZE: Synergizing Numerical Methods and Machine Learning for a new generation of computational models.”

Research topic: Scientific Machine Learning, namely the interplay between Scientific Computing and Machine Learning, is reshaping computational modeling in physics, engineering, and applied sciences. This research will develop novel methodologies to:

- bridge Numerical Analysis and Machine Learning to develop reliable methods that seamlessly integrate physics with data while preserving theoretical soundness;
- design Machine Learning based solvers for differential problems, significantly reducing computational costs and environmental impact;
- enhance the reliability, interpretability, and applicability of Machine Learning in Scientific Computing.



Candidate profile:

- Ph.D. in Applied Mathematics or a related field.
- Solid background in Computational Sciences or Scientific Machine Learning.
- Passion for innovative research and collaboration in an interdisciplinary setting.

Duration: 24-36 months

Contact: Interested candidates are invited to send their expression of interest and CV to francesco.regazzoni@polimi.it