**Linear and nonlinear algebra in physics-informed neural networks
with application to real life models**
BIRD project

PINN-PAD
Workshop on
Physics Informed Neural Networks in Padova

PADOVA, **22-23 February 2024**
Aula Nievo (FEB 22) – Aula E Giurisprudenza (FEB 23) – Palazzo Bo – Padova

webpage https://pinn-pad.dicea.unipd.it

List of Invited Speakers

Antonietti Paola MOX, Politecnico di Milano	*Machine Learning-enhanced Polytopal Finite Element Methods*
Bragone Federica ETH, Stockholm	*Physics-Informed Neural Networks for Power Systems Applications*
Cuomo Salvatore Università di Napoli	*Computational Paradigms in Scientific Machine Learning*
Della Santa Francesco Politecnico di Torino	*Graph-informed neural network and discontinuity learning*
Rozza Gianluigi SISSA, Trieste	*Accelerating Numerical Simulations by Model Reduction with Scientific and Physics-Informed Machine Learning*
Schwarz Anna University of Stuttgart	*Recent advances and failures in the machine-learning enhanced solution of PDEs*

SCIENTIFIC COMMITTEE

Luca Bergamaschi, **Andrea Franceschini** and **Caterina Millevoi**
Department ICEA, University of Padova

IMPORTANT DATES

1 February. Deadline for registration, by sending an e-mail to
pinn-pad@dicea.unipd.it

20 January. Deadline for sending an abstract for a contributed talk