



Special Session SS27 - “Machine Learning for Numerical Methods in PDEs”

Building: Economia, 3rd floor

Room: Aula 6

Thursday, 10 September	
14:30 – 14:50	Gioana Teora <i>C^0-Conforming Neural Approximated Virtual Element Method on Polygonal Meshes</i>
14:50 – 15:10	Nunzio Dimola <i>Neural Preconditioning Strategies for Mixed-Dimensional PDEs: from Static to Dynamic Training</i>
15:10 – 15:30	Samira Iscaro <i>Efficient numerical treatment of multidimensional reaction-diffusion PDEs</i>
15:30 – 15:50	Angela Monti <i>Hierarchical Clustering and Model Reduction for Optimal Control of ABMs</i>
15:50 – 16:10	Lucas Moschen <i>A Feedback-Control Perspective on Sampling for Langevin and McKean–Vlasov Dynamics</i>
16:10 – 16:30	Mariateresa Bruni <i>Augmented predictor-corrector PINN for estimating root zone soil moisture from data at shallower depths</i>