MC16 **Integrative approaches in physics: using machine learning to explore magnetism, disordered media, and materials science**

Monday, 2 September, morning

Chair C. Coelho

Room:

Hours	ID	Name	Type	Title
10h30-11h00	13247	C. Coelho	Invited	Minding the Molecules: Incorporating Fundamental Rules in Chemical Reaction Modeling with Neural Networks
11h00-11h15	13856	Bereznikova Liudmila	Oral	Application of GNN models and geometric approaches for searching materials with high optical anisotropy
11h15-11h30	13861	Yana Propad	Oral	Search for stable superconducting hydrides using a random structure generator with a fixed environment
11h30-11h45	13247	C. Fernandes	Oral	Numerical Simulation of Viscoelastic Fluid-Particle Systems with Magnetic Spheres