



ALMA MATER STUDIORUM - UNIVERSITÀ DI BOLOGNA

**seconda seduta mattina - magistrale**

**Aula aula VII piano**

**27 mar ore 10:00**

Commissione: Stefano Pagliarani (presidente), Antonello Pesce, Serena Federico, Antonella Grassi

### **Ordine di discussione**

- 1 Benn, Alanna Christina (Relatore: Giacomo De Palma)**  
*A Berry-Esseen theorem for wide quantum neural networks*
- 2 Mundula, Simone (Relatore: Serena Federico)**  
*Growth of Sobolev Norms of Solutions to NLS on Closed Riemannian Manifolds*
- 3 Di Paolo, Giacomo (Relatore: Vittorio Martino)**  
*Some geometric and analytic aspects of the Yamabe Problem*
- 4 Dolci, Giulia (Relatore: Stefano Pagliarani)**  
*On Tail Behavior of the Supremum of a Random Walk with Heavy-Tailed increments*
- 5 Junggeburth, Louise Helene (Relatore: Stefano Pagliarani)**  
*Prediction of quality characteristics generated by precision machining processes using machine learning methods*
- 6 Bagnara, Marco (Relatore: Roberto Pagaria)**  
*Building sets, Chow ring of matroids and group actions*
- 7 Lumini, Giorgia (Relatore: Antonello Pesce)**  
*Langevin Dynamics and the Kinetic Simulated Annealing*
- 8 Denti, Luca (Relatore: Antonello Pesce)**  
*The parametrix method for the backward diffusion SPDE*
- 9 Smith, Evanne Marie Claire (Relatore: Antonella Grassi)**  
*The Dimension of Linear Systems on Weighted Projective Varieties.*