

Workshop within the project ML & ND
“Machine Learning and Nonlinear Dynamics: Intersection, Interplay and Synthesis ”
25 November 2025

Institute of Physics Belgrade, lecture hall “Zvonko Marić”, Belgrade, Serbia

Workshop timetable

11:00-11:30 N. V. Stankevich: “Multistability in Dynamical Systems: Prediction of Multistability by Machine Learning”

11:30-12:00 V. V. Klinshov: “Extreme Multistability and Complex Landscape of the Cost Function in a Simple Machine Learning Task”

12:00-12:20 E. R. Bagautdinova: “Comparative Analysis of Multistable Properties of the Hodgkin-Huxley Model and its Neural Network Map”

12:20-12:40 T. I. Miakov: “Neural Network Maps for Different Dynamical Systems”

12:40-13:10 I. Franović: “Multistability in Coupled Excitable Systems”



**Scientific Computing Laboratory,
Institute of Physics Belgrade, Serbia**



**HSE University,
Russia**