Theoretical Physics. Studies in English.

Selected tools of modern theoretical physics Python for scientists

Date: Monday | **Time:** 16:00 – 17:30 17:45–19:15 | **Venue:** Classroom 320

Brief Course Contents:

1. An introduction to Python environment

2. Monte Carlo simulations and their application in statistical physics

3. Density matrix renormalization group – numerical simulations of quantum nanomagnets

4. Matrix product states simulations – quantum correlations in many-body systems

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We start on December 2, 2019

Depending on the group's decision, date and place of meetings may change.