

# LECTURES ON MODERN SCIENTIFIC PROGRAMMING 2022

The Lectures on Modern Scientific Programming series will be organized by the Wigner Scientific Computing Laboratory (former GPU Laboratory) from November 14-15, 2022 at the Wigner Research Centre for Physics.

An annually organized seminar series for university students and researchers. These lectures review topics relevant to everyone working on scientific simulations or high-performance computing. The lectures will be the mixture of theoretical talks and hands-on sessions, which grants a perfect opportunity to adopt the collected theoretical knowledge.

In 2022 the lectures will focus on Machine Learning, FPGA programming, Quantum Computing, and Quantum Machine Learning and its application on physics and other relevant fields. We also would like to invite those university students who are interested in these topics to participate, the participation is free for university students.

The patrons of the lecture series are Péter Lévai (WIGNER) and István Csabai (ELTE).

Detailed information can be found at the WSCLAB [website!](#)

Registration are available at the conference [Indico page!](#)

Contact: [gpu@wigner.hu](mailto:gpu@wigner.hu)

## Organizing Committee:

Gergely Gábor Barnaföldi

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