

4th Baltic School of High-Energy Physics and Accelerator Technologies



Monday, 5 August 2024 - Friday, 9 August 2024

Kuldīga center high-school

Scientific Programme

The scientific programme of BSHEPAT'24 will consist of two broad topics - high-energy particle physics (HEP) and accelerator technologies.

This year's event is co-organised by the COST Action CA22130 - COMETA, an additional focus will be placed on the multi-boson topics, Effective Field Theory and the use of Machine Learning in HEP.

The final lecture schedule will be made available shortly before the event.

The scientific programme of the school will consist of seventeen 90-minute lecture blocks covering:

Quantum Field Theory & the Standard Model;

Beyond the Standard Model Physics;

Effective Field Theory;

Higgs Physics at the LHC;

Machine Learning methods in HEP;

Accelerator physics;

Future accelerators;

Accelerator applications.