

Session Program

28-29 May 2026

GPU Day 2026

Session IV

HUN-REN Centre
1054 Budapest Alkotmány utca 29.

Thursday 28 May

15:50

Session IV

Session | Location: HUN-REN Centre, 1054 Budapest Alkotmány utca 29.

15:50–16:10

Performance Analysis and Optimization of a Parallel GPU-accelerated Low-Temperature 2D Particle-in-Cell Plasma Simulation Code

Speaker

Zoltan Juhasz

16:10–16:30

Design and analysis of GPU-accelerated 2D Poisson solvers for plasma simulation

Speaker

Bálint Tóth

16:30–16:50

Nuclear structure driven anisotropic flow coefficients in pO and OO collisions at the LHC energies

Speaker

Suraj Prasad

16:50–17:10

TBA

17:10–17:30

Towards Cost-Effective HEP Simulations Using GAN-Based Data Augmentation

Speaker

Anisa Khatun

17:50