

V4-HEP Theory & Experiment #1

Workshop on High Energy Physics in the Visegrad Region

July 26-28, 2023

Faculty of Mathematics, Physics and Informatics, Comenius University in Bratislava
Mlynská dolina F1, 842 48 Bratislava, Slovak Republic

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Dear Colleagues,

It is our pleasure to invite you to participate in the first of the four V4-HEP workshops focused on the interplay of theoretical and experimental high-energy physics in the Visegrad region. The workshop will take place in Bratislava, the capital of Slovakia, at the Faculty of Mathematics, Physics and Informatics of Comenius University, on July 26-28, 2023.

The workshop series aims to bring theoretical and experimental particle physicists together to discuss the difficulties of using experimental data or testing specific theoretical models. The main topics covered by the workshop include

- Theory and experiment in heavy ion physics
- New results from LHC
- Perturbative QCD calculations
- Neutrinos and grand unification
- New physics search in rare decays

We invite you to register and submit the abstract of your talk until **July 5, 2023**. Submitted talks are supposed to take 30 minutes, including 10 minutes for the discussion. After the last workshop, taking place in Prague in the summer of 2024, common proceedings for all four workshops will be published in **Proceedings of Science**.

The workshop is primarily dedicated to participants affiliated with the Visegrad Region (Czech Republic, Hungary, Poland, and Slovakia). Young scientists and doctoral students are particularly welcome to present their research. For the registration, please scan the code or click the link below.

The workshop series is supported by the Visegrad Fund.

Looking forward to see you in Bratislava,

Gergely G. Barnaföldi (Wigner RCP)
Anish Ghoshal (Warsaw U.)
Peter Maták (Comenius U.)
André Sopczak (IEAP CTU, Prague)



<https://indico.cern.ch/e/v4hep1>

<https://visegradfund.org>