



FZU

Institute of Physics
of the Czech
Academy of Sciences

Invitation

to the seminar of Division of Elementary Particle Physics of
the Institute of Physics of the Czech Academy of Sciences



Assoc. Prof. Marek Bombara

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Slovakia

ALICE beyond heavy-ion physics wonderland

Abstract: The ALICE experiment is one of the four big experiments at the world's largest collider - the LHC (Large Hadron Collider) at CERN. After more than a decade of running the ALICE has collected an impressive amount of information about a new form of nuclear matter, known in theory as the Quark-Gluon Plasma (QGP), which is created in ultrarelativistic heavy-ion collisions at energy scale \sim TeV. The contribution has an ambition to show a more universal face of ALICE (not just a QGP study) and will highlight results with impact outside the heavy-ion physics (overlaps with nuclear physics, cosmology, astrophysics and particle physics). The future of the experiment will be discussed as well.

When: Monday, June 17, 2024 at 2PM

Where: Dvořák hall, FZU, Na Slovance 2, Prague

For more information, please see <https://indico.fzu.cz/event/253/>