

Invitation

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



Babar Ali

Institute of Experimental and Applied
Physics, Czech Technical University in
Prague

Exploring Higgs Boson Pair Production with the ATLAS Detector

Abstract: One of the top priorities of the LHC physics program is the observation of Higgs boson pair production (HH) and the measurement of the Higgs self-coupling strength. In this talk, I will discuss the insights these studies offer and provide an overview of the ATLAS HH physics program. I will conclude by looking ahead to what we hope to achieve with the upcoming Run 3 data and at the High-Luminosity LHC (HL-LHC).

When: Thursday, April 24, 2025 at 2PM

Where: Dvořák hall, FZU, Pod Vodárenskou věží 1, Prague

For more information, please see <https://indico.fzu.cz/event/293/>