



# INVITATION

as part of the Particle Physics Seminar

to the talk by

**Robert SCHÖFBECK**

(HEPHY, ÖAW Vienna)

on

***“New Results from the CMS Experiment and the  
HEPHY CMS Group“***

**Abstract:**

Over the past year, the CMS experiment has produced a series of results, concluding long-standing experimental quests, achieving unprecedented precision, and challenging established lore in several areas. In this talk, I will highlight recent key measurements in the Higgs and top-quark sectors, emphasizing the crucial and ongoing interplay between theoretical insights and experimental techniques.

Furthermore, I will outline emerging projects at HEPHY and discuss how cutting-edge theoretical and computational approaches will sharpen the toolkit for continued exploration of nature at the shortest scales.

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**Time: Tuesday, 1 April 2025, 4:15 p.m.**

**Location: Erwin-Schrödinger Lecture Hall, 1090 Vienna, Boltzmannngasse 5, 5<sup>th</sup> floor**

Join Zoom Meeting - Meeting ID: 933 4269 3866 Passcode: 185096  
<https://univienne.zoom.us/j/93342693866?pwd=aUpTR0VJNUhJY2Q0ajdaKzI1YWVhQ09>

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