



FZU

Institute of Physics
of the Czech
Academy of Sciences

I n v i t a t i o n

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

Dr. Alexander Vikman

Institute of Physics of the Czech Academy of Sciences

End of Time and Physics Nobel Prize 2020

Abstract: This year the Physics Nobel Prize was awarded for the research on Black Holes. In particular, the first half went to Roger Penrose for the singularity theorem, or as Nobel Committee formulated “for the discovery that black hole formation is a robust prediction of the general theory of relativity”, while the second half was shared between Reinhard Genzel and Andrea Ghez for “the discovery of a supermassive compact object at the centre of our galaxy”. I will review physics behind these results and their relevance. Moreover, I will do my best to popularly explain what Black Holes are and why they are interesting and important objects.

Seminar will take place online only on **Thursday, November 19, 2020 at 2PM** via **ZOOM video conference** system, for more information, please see: <https://indico.fzu.cz/event/11/>

R. Lysák

J. Hejbal