Theory of Relativity Seminar

December 11, 2020 (Friday), 11:15

The seminar is held online:

https://us02web.zoom.us/j/81472116408?pwd=ZFd4RE91WmZidk5TYTIwY1gvL21pUT09

Meeting ID: 814 7211 6408; Passcode: 795365

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"Singularity theorems: A critical appraisal"

Abstract: The 2020 Nobel prize in Physics has revived the interest in the singularity theorems and, in particular, in the Penrose theorem published in 1965. In this talk I will briefly review the main ideas behind the theorems and I will proceed to an evaluation of their hypotheses and implications. I will try to dispel some common misconceptions about the theorems and their conclusions, as well as to convey some of their rarely mentioned consequences. Several examples will be used for illustrative purposes.

Wojciech Kamiński (IFT FUW)

Jerzy Kowalski-Glikman (UWr & NCBJ)

Włodzimierz Piechocki (NCBJ)

Jacek Tafel (IFT FUW)