



SECTION DE PHYSIQUE

COLLOQUE DE PHYSIQUE

24, QUAI ERNEST-ANSERMET, CH-1211 GENÈVE 4

Lundi 23 avril 2018, 12h30
Ecole de Physique, Auditoire Stueckelberg

«On the shoulders of a giant»

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Abstract:

In this colloquium I will attempt to give an overview of the scientific legacy of Stephen Hawking.

We will, of course, not have the time to discuss all of his remarkable contributions, but among those that stand out, I will describe three topics in particular, namely

1. Space-time singularities really are predicted by General Relativity
2. Black holes are ephemeral
3. Black holes satisfy thermodynamic laws, they swallow up and destroy information, and other glimpses into the world of quantum gravity

Après le colloque, une collation en compagnie du conférencier sera offerte aux participants.

Prof. Dmitry Abanin