

Theoriekolloquium

Mittwoch, 27. Oktober 2004

11.00 Uhr c.t.

Seminarraum 349, Theresienstr. 37 / III

Prof. Ivo Sachs

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Field Theory, Strings and Black Holes

We illustrate with a simple model how different aspects of quantum field theory, string theory and black hole physics are related. In particular, quasi normal modes of black holes are related, with the help of string theory to thermal relaxation in quantum field theory. They also establish a relation between unitarity in black hole physics and Poincaré recurrence in field theory.

gezeichnet: Buchalla, Sachs