



SFB-Seminartag

ZEIT:

12.7.2005, 15:30 Uhr - 18:00 Uhr

ORT:

Hörsaal ZIB
Takustraße 7
14195 Berlin-Dahlem

PROGRAMM:

15:30 - 16:30 **Dr. Ilka Agricola (HU)**

Special Geometries, Holonomy and String Theory

17:00 - 18:00 **Dr. Joerg Teschner (FU)**

Strings, conformal field theory and the harmonic analysis on loop spaces

When studying corrections to general relativity as predicted by string theory one must in particular understand the consequences of the extended nature of the strings. This requires the methods of conformal field theory. We will explain in a concrete example how the conformal field theory assigned to a particular space generalizes the harmonic analysis on the same space.

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