



EINLADUNG

im Rahmen des Seminars für Mathematische Physik
(Joint TU/UV Theory Seminar)

zum Vortrag von

Ilija BURIC
(University of Pisa)

über

“Fuzzy de Sitter spaces in three and four dimensions“

Abstract:

We discuss noncommutative (anti)de Sitter spaces in two, three and four dimensions. After recalling their definitions, we analyse coordinate spectra, coherent states, invariant vacua and eigenfunctions of the Laplace-Beltrami operator. Our results pave the way for the analysis of late time correlation functions in QFTs on fuzzy dS backgrounds, of potential relevance for inflationary cosmology.

The talk is based on joint works with Bojana Brkić, Maja Burić and Duško Latas.

Zeit: Dienstag, 18.6.2024, 14:00h

Ort: TU Wien, Freihaus, Wiedner Hauptstraße 8-10, 1040 Wien, Sem. R. DB gelb 03, 3.Stock

gez.: S. Fredenhagen, D. Grumiller, T. Tran, A. Fiorucci