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EINLADUNG

im Rahmen des Seminars für Mathematische Physik

zum Vortrag

von

Peter Presnajder

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über

„Quantum systems in relativistic fuzzy spaces"

Abstract:

We define realizations of relativistic fuzzy spaces in terms of two and four copies of annihilation and creation operators. Operators generating (extended) relativistic symmetry are constructed and their properties investigated. Such systems incorporate three fundamental constants (Planck constant, velocity of light and fundamental length or mass). We shall discuss structures emerging in such systems that seem to be compatible with usual gravity.

Zeit: Dienstag, 5.6.2018, **13:45**
Ort: Fakultät für Physik, Erwin-Schrödinger-Hörsaal,
        Boltzmanngasse 5, 5. Stock

gez.: S. Fredenhagen, D. Grumiller, H. Steinacker