Announcement

Seminar on Deformation Quantization

5. 11. 2021 at 2pm CEST/CES

Hybrid Seminar in SE 30 and

`https://uni-wuerzburg.zoom.us/j/92529190594?pwd=WkJvR1o1QUdldUNSSjFJbHB4c0Z0dz09`

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Lie groupoids, Morita equivalences and quantum tori

Lie groupoids are categorified manifolds, they provide a unified framework for classic geometries, and they can be used to model stacks in differential geometry. Stacks have manifolds, orbifolds, orbit spaces and leaf spaces as examples, and two groupoids present the same stack if they are Morita equivalent. In this talk I will survey the foundations of Lie groupoids, Morita equivalences and differentiable stacks, and present as an application a geometric version of Rieffel's Theorem on quantum tori.

Invited by Stefan Waldmann