

Announcement

## Seminar on Deformation Quantization

**at 10apm CET**

Hybrid Seminar in SE 31 and

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

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Sullivan models I

In these seminars we briefly introduce the concept of model of a manifold, in terms of a commutative graded algebra, which is quasi-isomorphic to the de Rham algebra of forms. It is known that the de Rham algebra determines the topological invariants of a manifold but it is somehow hard to manage as it is infinite-dimensional. The rational (real) homotopy theory provides a topological invariant, the so-called model, for compact manifolds which is finite-dimensional.

Invited by Stefan Waldmann