# Seminar on Deformation Quantization and Geometry

**6. 6. 2025 at 14:00 s.t.**

Seminarroom SE 31

## Stefano Ronchi (Georg-August Universität Göttingen)

## Higher cotangent groupoids

The cotangent bundle of a manifold is a central object in mathematics and physics. There is a similar construction for Lie groupoids. In this talk I will explain how to extend this to Lie n-groupoids and give some fundamental applications. This is joint work with Miquel Cueca and Chenchang Zhu.

Invited by Madeleine Jotz