

Announcement

Seminar on Deformation Quantization and Geometry

7. 6. 2024 at 14:30

Seminarroom 31.00.018

MATHIEU STIÉNON (PENN STATE UNIVERSITY)

Duflo-Kontsevich type theorem for dg manifolds

Dg manifolds are a useful geometric concept which unifies many important structures including homotopy Lie algebras, foliations, and complex manifolds. In this talk, we present a Duflo-Kontsevich type theorem for dg manifolds. The Duflo theorem of Lie theory and the Kontsevich theorem regarding the Hochschild cohomology of complex manifolds can both be derived as special cases of this Duflo-Kontsevich type theorem for dg manifolds. This is a joint work with Hsuan-Yi Liao and Ping Xu.

Invited by Madeleine Jotz