

Oleksii Kotov : Dg bundles with some applications

mardi 4 juillet 2023 10:15 (1 heure)

Dg bundles are surjective submersions of dg manifolds, which are fiber bundles in the category of graded supermanifolds. The purpose of the talk is to show how dg-bundles appear in the context of characteristic classes, BV-BRST formalism in local field theory, and complex geometry. The talk is based on joint research with Thomas Strobl, Maxim Grigoriev and Camille Laurent-Gengoux.