

# Differential forms with values in VB-groupoids

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## Abstract

In this talk, we will study multiplicative forms on Lie groupoids with values in special vector bundles called VB-groupoids. This notion generalizes both the well-known trivial coefficients case and the more recent case of differential forms with values in representations. Our aim is to present some examples, establish the Lie theory of such objects and describe the Morita invariance of a related cohomology. This is joint work with L. Egea.