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*Symplectic double groupoids and generalized Kähler metrics*

I'll explain how the generalized Kähler class can be defined in terms of Morita equivalences of symplectic double groupoids and I'll explain how this framework allows us to determine the fundamental degrees of freedom of a generalized Kähler metric in full generality. If time permits I'll describe how these ideas can be explicitly illustrated in the case of compact Lie groups. This is joint work with Marco Gualtieri and Yucong Jiang.