

Deformations of quotients of nonclassical flag domains via foliated projective structures

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Abstract: We will describe some compact complex manifolds that arise as quotients of domains in flag manifolds. Their locally homogeneous geometry is both rigid and maximal, but they can be deformed as complex manifolds: we will exhibit deformations that arise through a construction involving foliated projective structures. This is joint work with Bertrand Deroin.