ID de Contribution: **22**   Type: **Non spécifié**

Martina Monti - Calabi-Yau manifolds quotient of Abelian manifold : the 3-dimensional cases.

lundi 22 mai 2023 16:30 (15 minutes)

It is possible to construct Calabi-Yau manifolds as quotient of complex tori via certain action of finite groups. We are interested in the study of the geometric properties behind this construction, in particular if we can deduce geometry of the Calabi-Yau manifold from the geometry of the complex tori. In this talk I will focus on the 3 dimensional case, presenting my results about the geometry of Calabi-Yau 3-folds as quotient of Abelian 3-folds.