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## LCK threefolds with algebraic dimension 2

## Abstract

In this talk I will describe the structure of complex manifolds of dimension 3 and algebraic dimension 2, admitting a metric that is locally conformally equivalent to Kaehler metrics. In particular, I will show that, under mild assumptions, every such manifold is "essentially" an elliptic fibration over a compact projective surface with isomorphic fibers. This is a joint work with Daniele Angella and Victor Vuletescu.