ODTU-Bilkent Algebraic Geometry

Kähler Geometry and Einstein-Maxwell Metrics

By

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Abstract: A classical problem in Kähler Geometry is to determine a canonical representative in each Kähler class of a complex manifold. In this talk, I will introduce this problem in several well-known settings (Calabi-Yau, Kähler-Einstein, constant-scalar-curvature-Kähler, extremal Kähler). In light of recent examples and developments, I will elucidate a possible role of Einstein-Maxwell metrics in this problem.

Date: 5 February 2021, Friday
Time: 15:40
Place: Zoom

To request the event link, please send a message to sertoz@bilkent.edu.tr