

LECTURE SERIES

Mathematical Science Literature

November 18, 2020

8:00am ET- *Virtually*

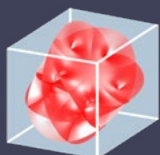


Caucher Birkar
University of Cambridge

"Log Calabi-Yau fibrations."

Fano and Calabi-Yau varieties play a fundamental role in algebraic geometry, differential geometry, arithmetic geometry, mathematical physics, etc. The notion of log Calabi-Yau fibration unifies Fano and Calabi-Yau varieties, their fibrations, as well as their local birational counterparts such as flips and singularities. Such fibrations can be examined from many different perspectives. The purpose of this talk is to introduce the theory of log Calabi-Yau fibrations, to remind some known results, and to state some open problems.

This lecture will be held virtually.
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