Geometry of Varieties of General Type

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In this talk we will discuss issues related to the existence of a moduli space for varieties of general type. Recall that varieties of general type are the higher dimensional analog of Riemann surfaces of genus at least 2. We will explain recent results on the boundedness of these varieties (once we fix certain invariants, these varieties are expected to be parametrized by finitely many finite dimensional parameter spaces) and on the geometry of their possible degenerations.

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