

Algebraic Geometry Seminar

General hyperplane sections of 3-folds in positive characteristic

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Abstract: Since the Bertini theorem for free linear series fails in positive characteristic, it is not clear whether a general hyperplane section of a klt 3-fold in positive characteristic has only klt singularities or not. We give an affirmative answer when the characteristic is larger than 5. This talk is based on joint work with Professor Shunsuke Takagi.

Wednesday, April 19 at 4:00 PM in SEO 427