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*Toric Geometry in Sage*

In this talk, I will present the toric geometry package that I developed jointly with Andrey Novoseltsev. It is implemented in the Sage computer mathematics system and provides an efficient and user-friendly implementation of many toric algorithms. As an application, I will construct an elliptically fibered fourfold whose discriminant locus contains a non-simply connected divisor. This is relevant for F-theory compactifications of string theory.