

Dan Abramovich: **Artin fans**

Artin fans are 0-dimensional algebraic stacks which encode the combinatorial structure of a subvariety of a toric variety, or more generally of a logarithmic structure. They are closely related to Olsson's stack of logarithmic structure. For tropical geometry, Artin fans have the appealing feature that "superabundance" disappears. I will explain how Artin fans were used in work of Chen, Gross, Marcus, Ranganathan, Siebert, Ulirsch and Wise.