

Simple singularities have an ADE-classification – what’s next?

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Frobenius manifolds are a common feature in topological field theory and singularity theory has, for example, led to the ADE-classification of $N = 2$ Virasoro minimal models with spacetime supersymmetry by Cecotti and Vafa in the early nineties. Here, the ADE-classification of simple singularities plays a crucial role. We report on work in progress with Oliver Gray, which aims at generalizing this result to a full classification of $N = 2$ Virasoro minimal models in terms of singularity theory.

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