

Paul Aspinwall: **Mirror Symmetry and Extremal Transitions in the Toric World**

We review the mathematical machinery of the gauged linear sigma-model which lies at the heart of most examples of mirror symmetry. We propose a more general picture going beyond the reflexive case of Batyrev and Borisov. This is inspired by looking at extremal transitions between models. We also emphasize the importance of non-geometric phases.