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Elliptic blowup equations for 6d SCFTs

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After the atomic classification of 6d (1,0) SCFTs, one important question is how to compute the elliptic genera and refined BPS invariants of all such theories. In a series of papers, we develop the elliptic blowup equations to answer this question universally. Such equations can be regarded as an elliptic version of Gottsche-Nakajima-Yoshioka's K-theoretic blowup equations. I will focus on the rank one (1,0) SCFTs with matters and show how blowup equations determine the elliptic genera and refined BPS invariants.

Primary author: SUN, Kaiwen (SISSA)

Presenter: SUN, Kaiwen (SISSA)

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