Title: Uniqueness of constant scalar curvature Kaehler metrics.

Abstract: Given a Kaehler class, a metric of constant scalar curvature(cscK) is known to be unique up to isomorphism, by Donaldson, Chen-Tian, and Mabuchi. So if such a metric exists, it can be viewed as a ``canonical" representative of the Kaehler class. We extend the above theorem to the case when there is a cscK metric adjacent to the Kaehler class.

Key tools in the proof include the infinite dimensional moment map picture of Fujiki and Donaldson, the Mabuchi-Semmes-Donaldson geometry of a Kaehler class, and two interpretations of the Calabi flow.