

## **“Orbifold degeneration of conformally compact Einstein metrics”**

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In his investigation of the Dirichlet problem for conformally compact Einstein metrics, Anderson showed that there are (at most) three possibilities for the behavior, under subsequences, of a sequence of conformally compact Einstein metrics, with controlled conformal infinities, on a four-manifold: convergence, orbifold degeneration, or cusp formation.

In this talk, we present some results related to the phenomenon of orbifold degeneration of a curve of conformally compact Einstein metrics on a four-manifold.