1054-53-28   **Valentino Tosatti*** (`tosatti@math.harvard.edu`), Columbia University, Department of Mathematics, 2990 Broadway, New York, NY 11027. *Degenerations of Calabi-Yau metrics.*

We are interested in the behaviour of families of Ricci-flat Kahler metrics on a compact Calabi-Yau manifold, with Kahler classes approaching the boundary of the Kahler cone. We will give an overview of some examples and results concerning this quesion, and explain the connections to the theory of degenerate complex Monge-Ampere equations and to birational geometry. (Received August 04, 2009)