1070-51-135   **Bianca Santoro*** (`bsantoro@ccny.cuny.edu`), NY 10032. *Complete Kahler Ricci-flat metrics on resolutions of singularities.*

We will discuss some existence results for complete Calabi-Yau metrics on crepant resolutions of singularities, and as an application, build simple examples of Ricci-flat manifolds. (Received February 07, 2011)