McKENZIE WANG, McMaster University
Examples of Ricci Solitons

Ricci solitons are special solutions of the Ricci flow given by a 1-parameter family of diffeomorphisms and homotheties. They may be viewed as generalizations of Einstein metrics. They also occur when analysing singularities of the Ricci flow or when one tries to derive matrix Harnack inequalities.

I will describe some new examples of non-Kahler Ricci solitons which generalise those constructed by T. Ivey.