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Kähler-Ricci solitons

A Kähler-Ricci soliton is a solution of the Kähler-Ricci flow that evolves only by scaling and the action of biholomorphisms generated by the flow of a real holomorphic vector field. They may model the formation of singularities of the flow. I will give an overview of recent work with Deruelle and Deruelle-Sun on these objects.