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Friday 20th May
10:30 (Tunis time – GMT+1, UTC+1)

To Carthage then I came
T. S. Eliot, The waste land
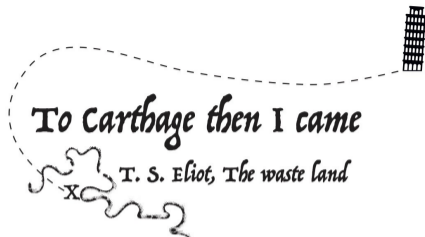
Long-time behaviour of fractional mean curvature flow

I will consider the volume-preserving fractional mean curvature flow of a nearly spherical set, showing long-time existence and exponential convergence to a ball. The result applies in particular to convex initial data, under the assumption of global existence.