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Fredrik Johansson Viklund, Alan A. Sola* (A.Sola@statslab.cam.ac.uk) and **Amanda Turner**. *Scaling limits in anisotropic conformal aggregation models.*

We study certain planar random growth processes defined in terms of iterations of conformal maps. The models we consider differ from the usual Hastings-Levitov models of aggregation in that preferred directions in the growth are present.

I will discuss both global rescaling of clusters and small-particle scaling limits, and I will indicate how the limit objects that arise can be described using the Loewner equation. (Received February 12, 2012)