1042-52-121   **Alina Stancu*** (`stancu@mathstat.concordia.ca`), Department of Mathematics and Statistics, 1455 Blvd de Maisonneuve West, Concordia University, Montreal, Quebec H3G 1C9, Canada. *An area preserving affine evolution.* Preliminary report.

We will present a planar flow on convex, closed curves which arises in the context of affine geometry. Our interest lies in the connections between this flow and certain affine invariants. (Received August 14, 2008)