1129-20-253 Juan Alonso* (juan@cmat.edu.uy), Joaquin Brum and Cristobal Rivas. Flexibility of surface group actions on the line.

Let Σ be a closed orientable hyperbolic surface, and $R(\Sigma)$ be the space of representations of $\pi_1(\Sigma)$ on $Homeo_+(\mathbb{R})$ with no global fixed points. In a joint work with J. Brum and C. Rivas, we obtain perturbations of any $\rho \in R(\Sigma)$ within this space that are not semi-conjugated to ρ . We also generalize this for a slightly larger class of groups. I will present these results statements, as well as discussing their relevance and some ideas of the proof. (Received March 17, 2017)