1116-VE-2406 **Alessio Figalli**, **Joseph Palmer*** (`j5palmer@ucsd.edu`) and **Álvaro Pelayo**. *Symplectic capacities, group actions, and integrable systems.*

We present some recent work studying the capacities of toric and semitoric integrable systems which is related to the natural group actions on these systems. This is presented in a general framework. (Received September 22, 2015)