1096-37-2590 **Laura G DeMarco*** (demarco@uic.edu). *Analytic and algebraic stability.* Preliminary report.

I will describe joint work with Xander Faber. We study relations between the dynamics of rational maps on $\mathbf{P}^1$ (in families), dynamics on the Berkovich projective line, the dynamics of meromorphic maps on surfaces, and a countable-state Markov process, all under a stability hypothesis. The main new result is that this stability can always be achieved by a suitable modification. (Received September 17, 2013)