

## **Configurations of points on the Riemann Sphere**

Rohini Ramadas, Brown University

I will give an extended introduction to  $M_{\{0,n\}}$ , a space that parametrizes all ways to label  $n$  distinct points on  $CP^1$ . I will then introduce a class of dynamical systems on  $M_{\{0,n\}}$ , and briefly describe a link between these dynamics on  $M_{\{0,n\}}$  and the dynamics of rational functions on  $CP^1$