## Persistent Recurrence in Unimodal Maps

## Lori Alvin

Department of Mathematics, Furman University, Greenville, SC USA lori.alvin@furman.edu

We investigate the notion of persistent recurrence in unimodal maps. We use combinatoric tools such as kneading maps and Hofbauer towers to better understand how persistent recurrence relates to other dynamical properties of the map. We additionally aim to provide a symbolic characterization of when the turning point of the unimodal map is persistently recurrent.