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**Jayadev Athreya, Subhojoy Gupta** and **Heather Lee\*** (heathml@uw.edu). *Polynomial quadratic differentials on  $\mathbb{P}^1$* . Preliminary report.

I will talk about  $GL(2, \mathbb{R})^+$  dynamics and symplectic structure on the moduli space of polynomial quadratic differentials on  $\mathbb{P}^1$ . (Received September 11, 2019)