## Explanation of Supplemental Videos

- Movie_1.mov: illustration of electro-elastocapillary buckling instability for $\bar{\gamma} = 1.85$.

- Movie_2.mov: illustration of electro-elastocapillary Rayleigh-Plateau instability for $\bar{\gamma} = 2.1$.

- Movie_3.mov: illustration of finite wavelength Rayleigh-Plateau instability for a constant voltage loading of $\bar{\Phi} > \bar{\Phi}_c$, where $\bar{\Phi} = 4$ and $\bar{\gamma} = 20$.

- Movie_4.mov: illustration of finite wavelength Rayleigh-Plateau instability for a constant voltage loading of $\bar{\Phi} > \bar{\Phi}_c$, where $\bar{\Phi} = 4$ and $\bar{\gamma} = 5$.