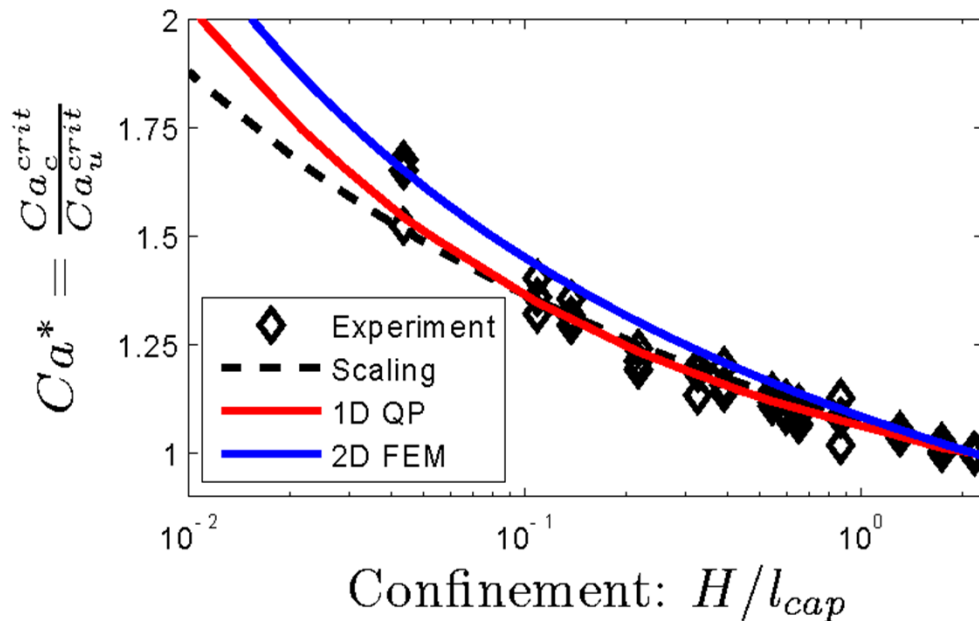
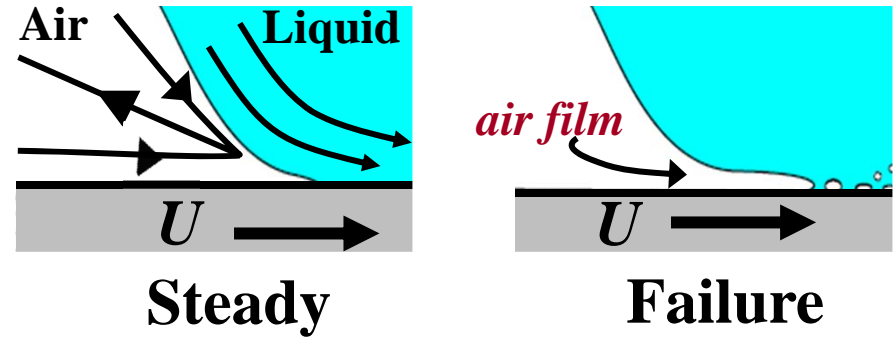
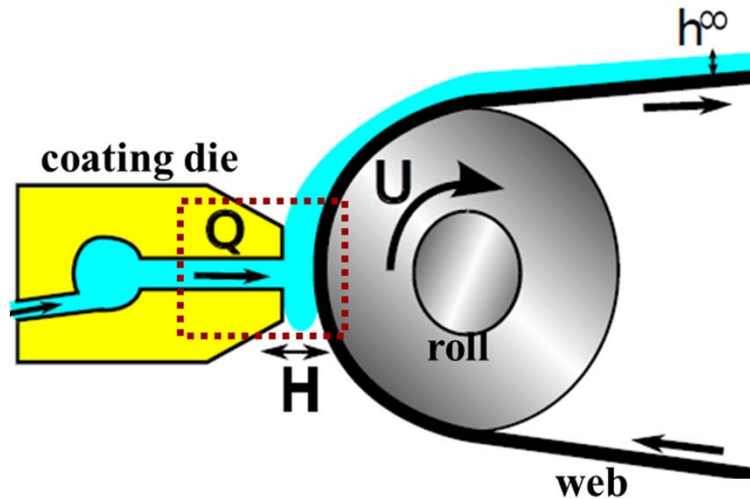


Wetting Failure in Fluid-Fluid Displacement



- Meniscus confinement delays wetting failure to higher speeds
- Hydrodynamic models describe experimental observations
- Wetting failure results when viscous forces overwhelm surface tension forces
- Results provide an explanation for the success of “bead coating” methods