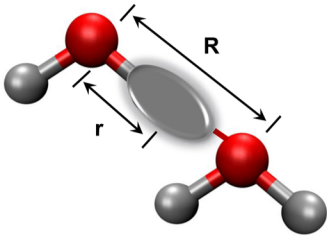
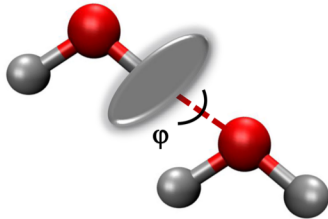


## Proton sharing and delocalization



Strengthens hydrogen bonding, increases structure and slows the dynamics.

## Hydrogen bond bending and distortion



Weakens hydrogen bonding, de-structures the liquid and speeds up dynamics