

Chemical Bonding

Why do atoms stick together, anyway?

Who cares?

Types of Bonding

- Ionic
- Covalent
- Metallic

Ionic Bonding:

Covalent Bonding:



Attractive Forces:
 electron A – nucleus B
 electron B – nucleus A

Repulsive Forces:
 electron A – electron B
 nucleus A – nucleus B

Attraction is greater than repulsion