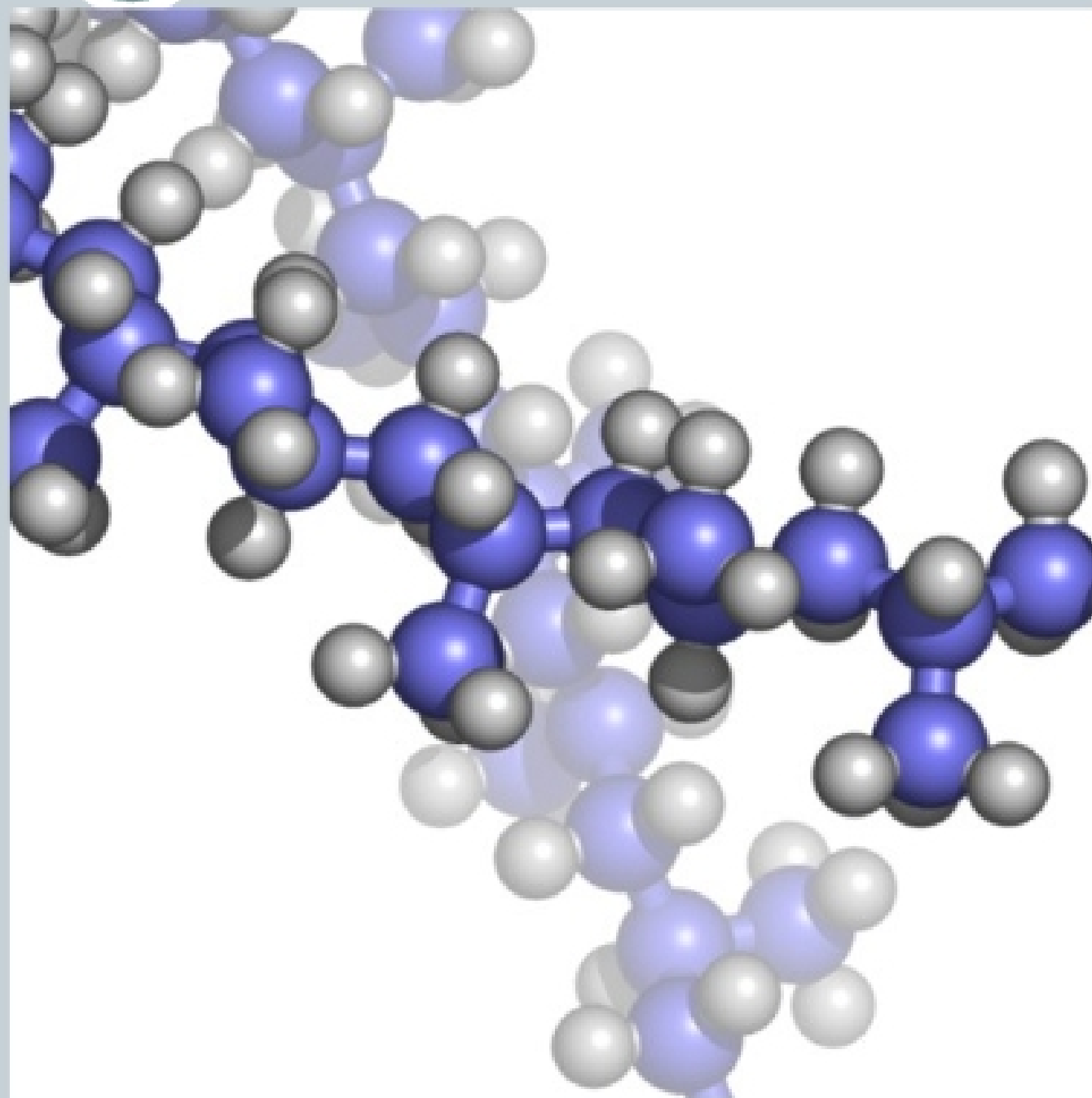




# Chemical Bonding

- Chapter 9 and 10 each cover a different theory on the chemical bond.
- Both models are far from perfect, but where one fails the other succeeds.



## §9.2 Types of Chemical Bonds

- **Covalent bond** - sharing of electrons between two non-metal nuclei
- **Ionic bond** - transfer of electrons between a metal and a non-metal atom
- **Metallic bonding** - why most metals are solid

