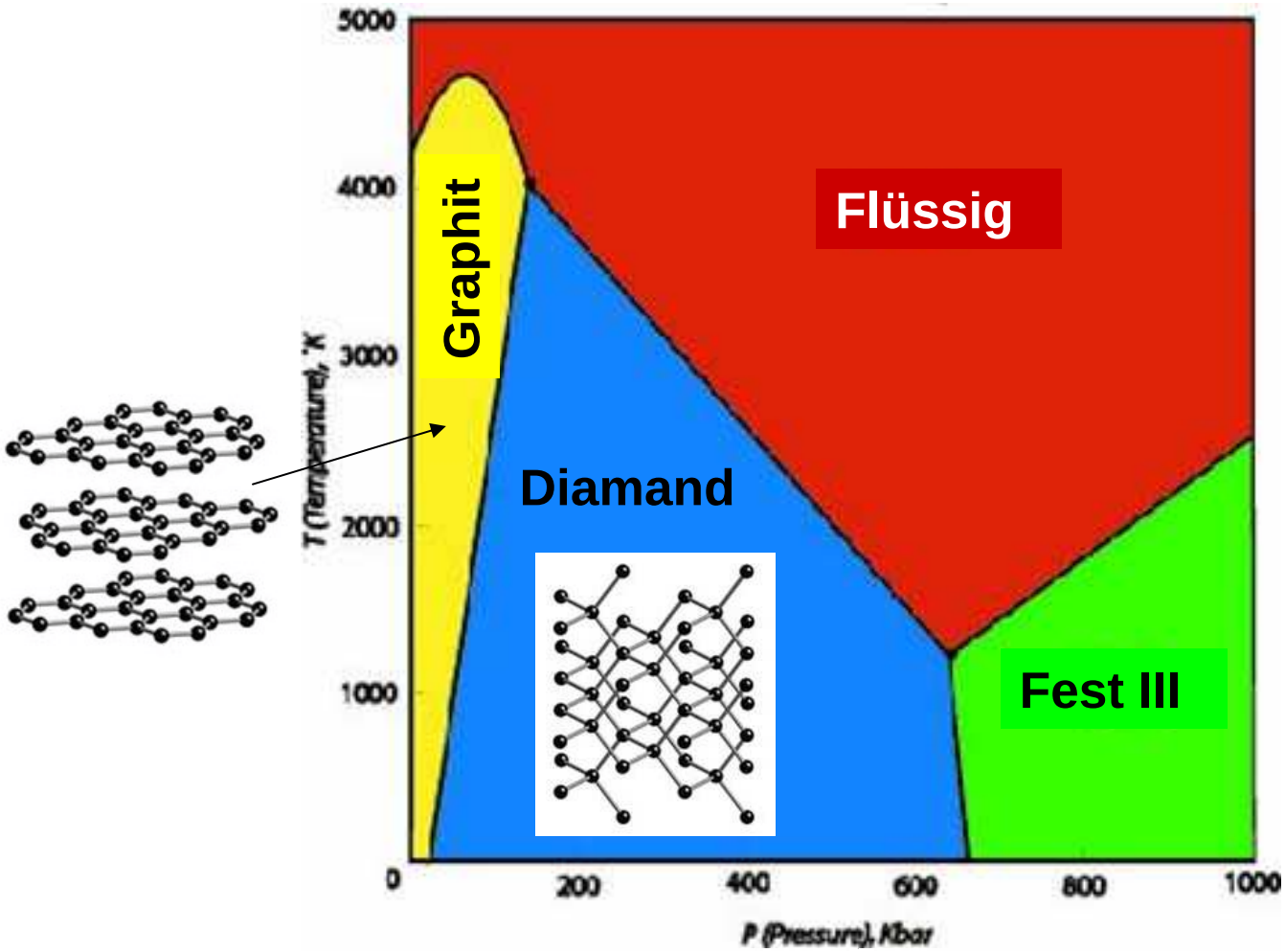
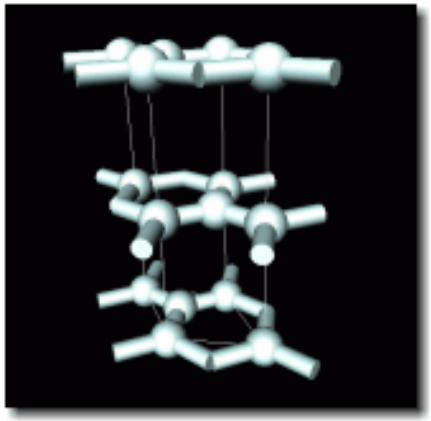
3. Kohlenstoff-Phasendiagramm

Kohlenstoff T-P Phasendiagramm

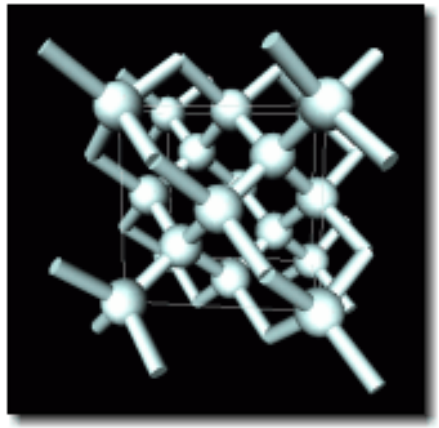


Kristalline Modifikationen von Kohlenstoff

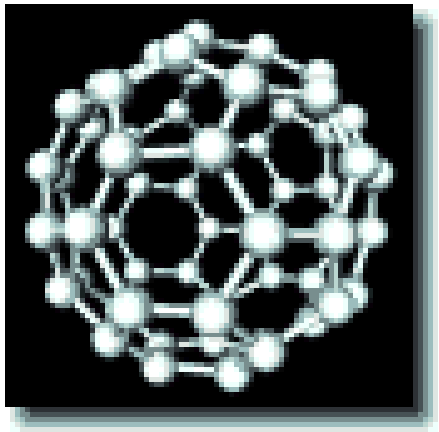
Graphit



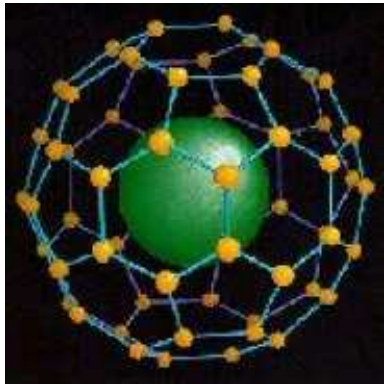
Diamant



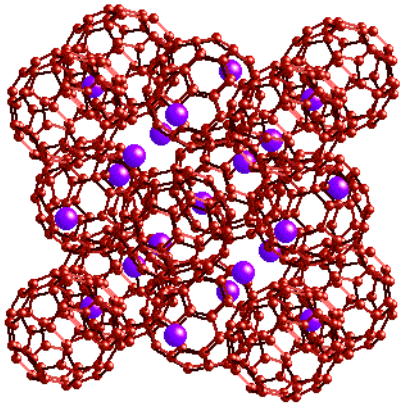
Fullerene



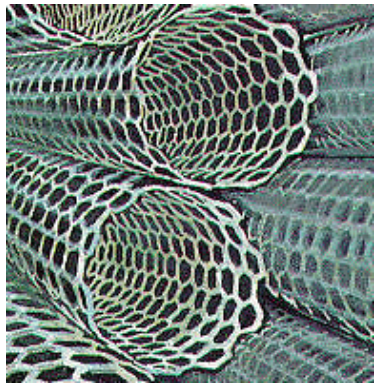
Dotiertes Fulleren



Fulleren-Kristall

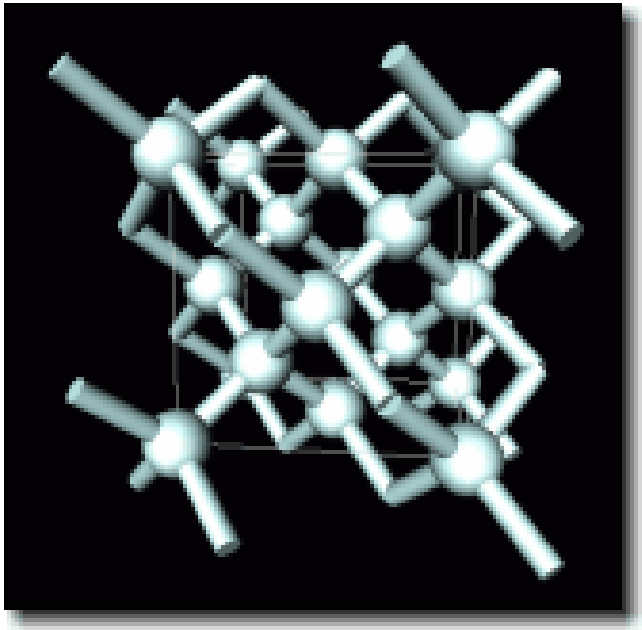


Nanoröhrchen



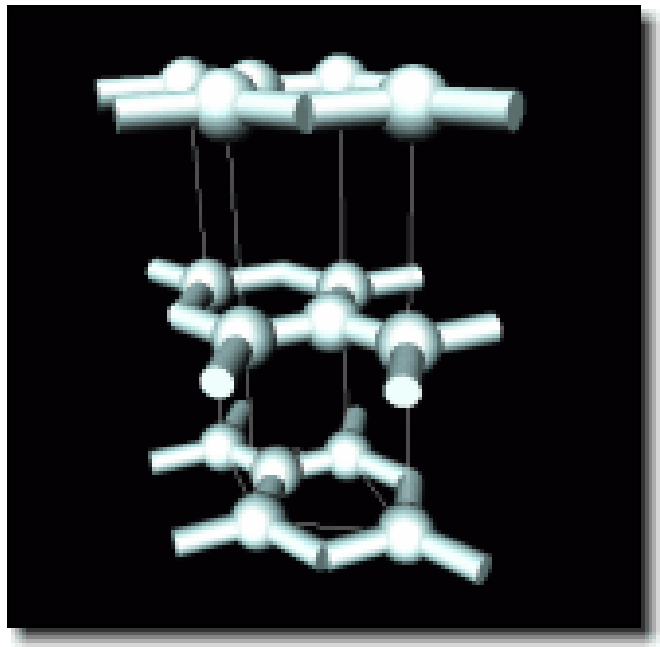
Auf die Kristallstruktur kommt es an!

Diamant



Durchsichtig, hoher Brechungsindex

Graphit



Schwarz –glänzend, halbmetallisch