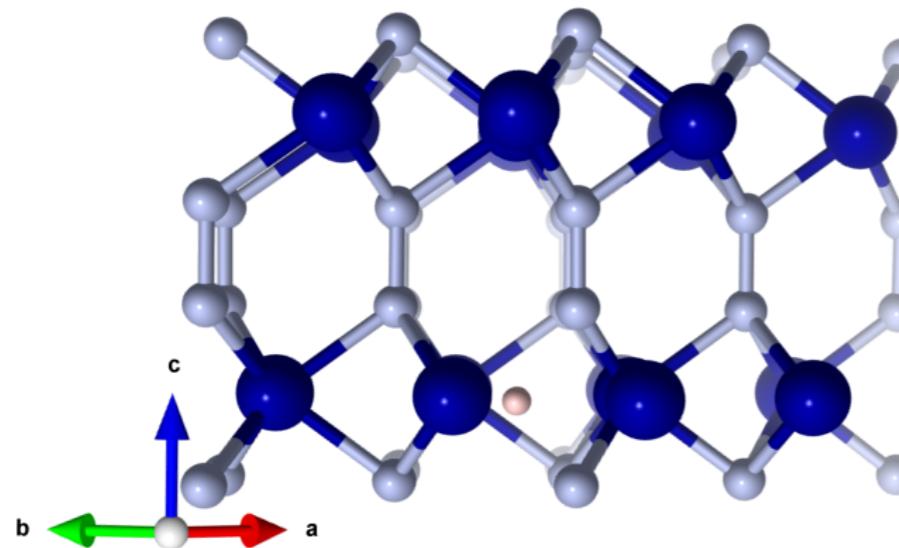


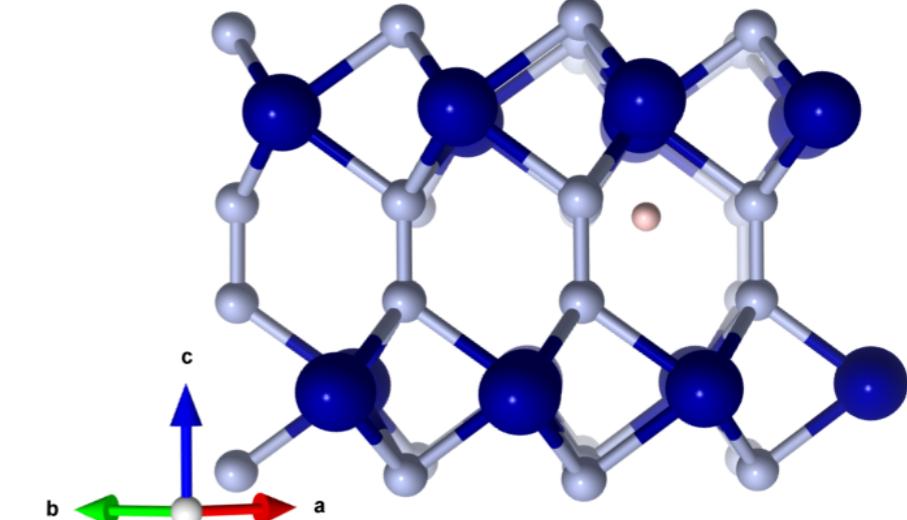
## A) CrN<sub>2</sub>

### Hydrogen interstitial defects

(a)



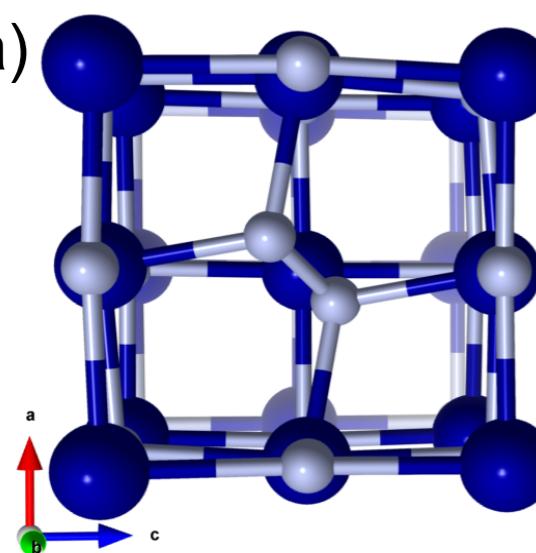
(b)



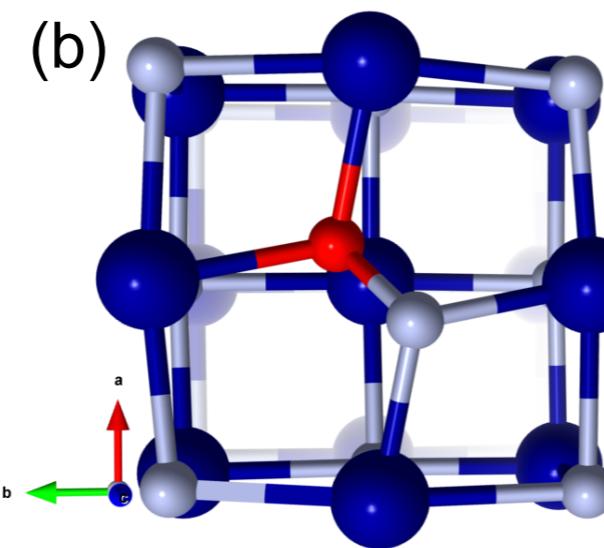
## B) CrN

### Split-interstitial (tetrahedral) defects

(a)

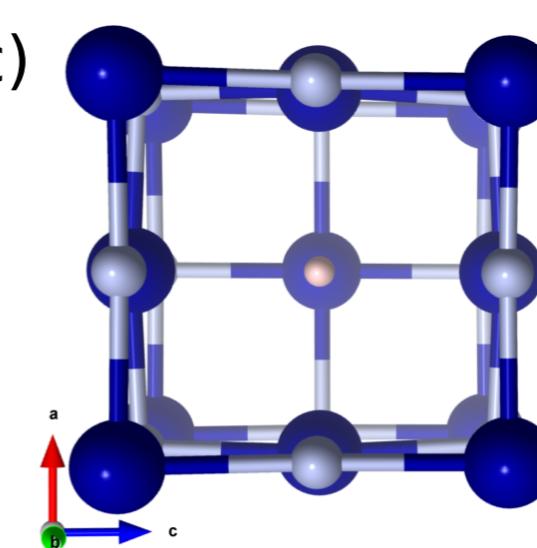


(b)



### Substitutional defect

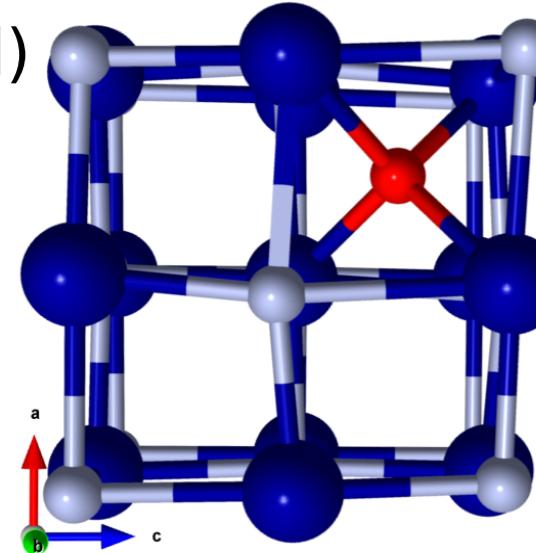
(c)



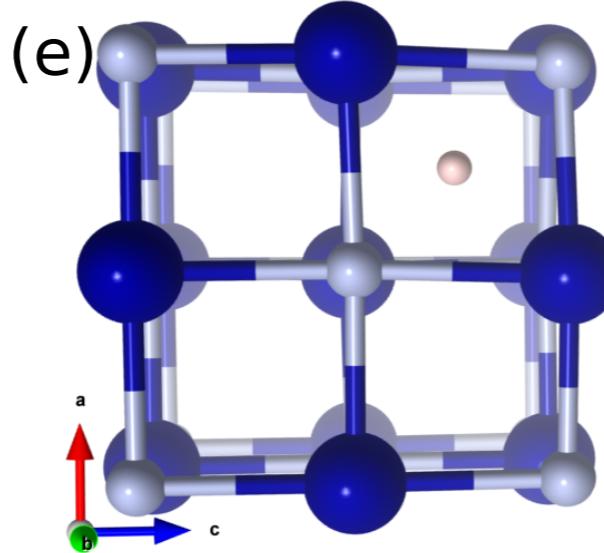
Cr  
N  
O  
H

### Octahedral defects

(d)

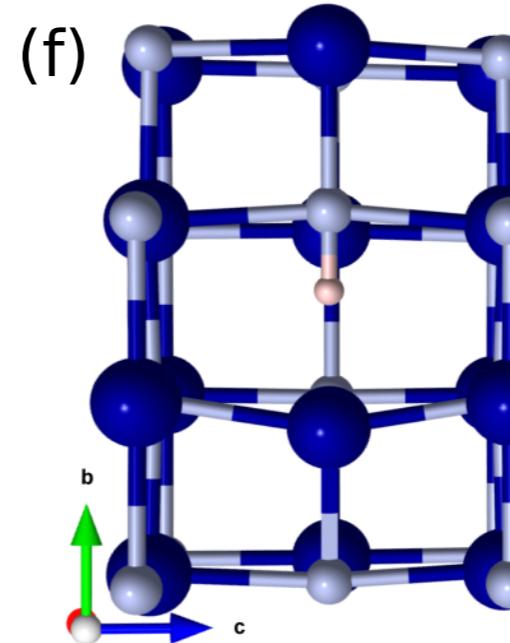


(e)



### In-bond defects

(f)



(g)

