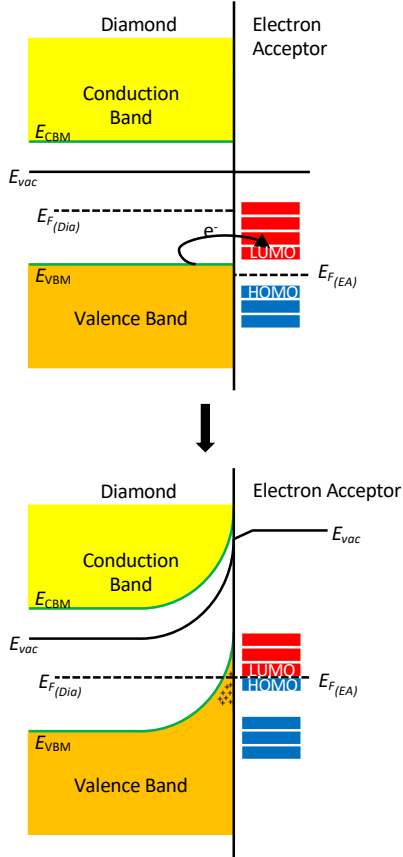
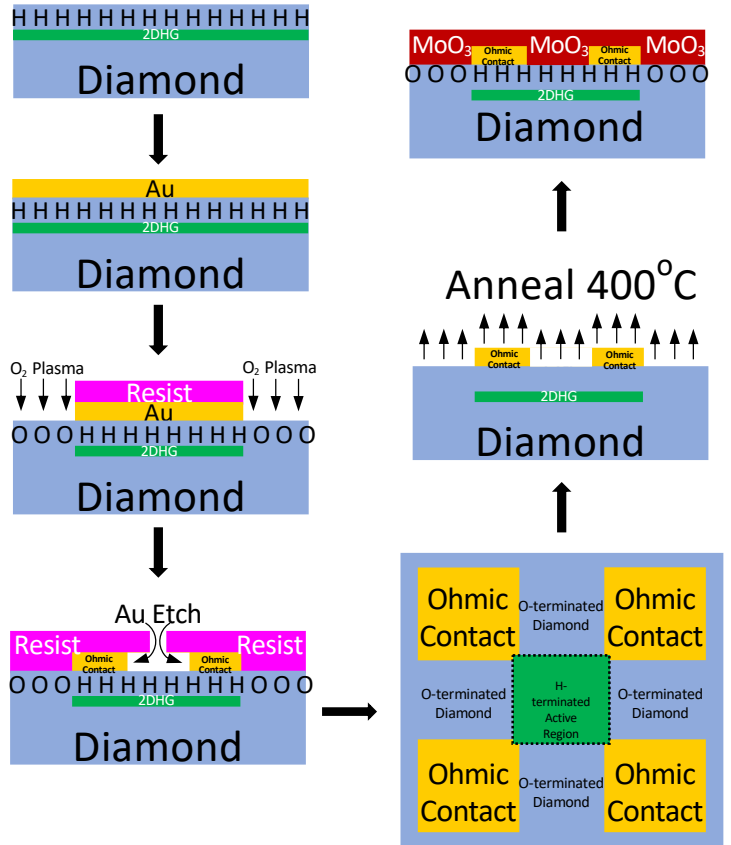


# Surface transfer doping by complex metal oxides for power electronics: a combined experimental and simulation study

## H-Diamond band bending diagram

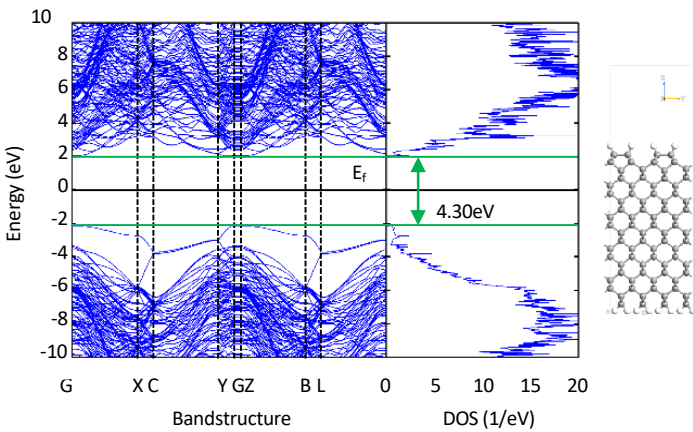


## Fabrication of MoO<sub>3</sub> doped H-diamond

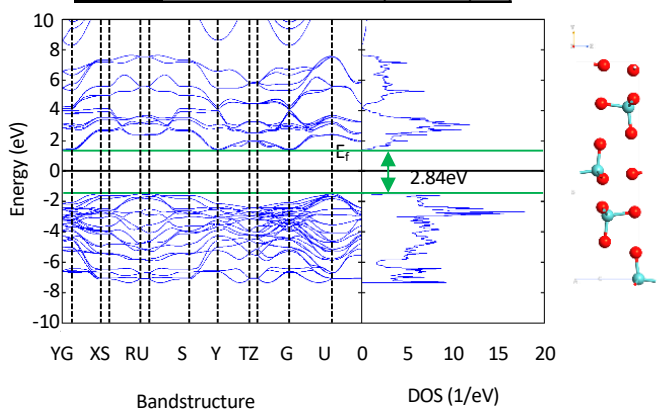


## Simulations of H-diamond:MoO<sub>3</sub> interface

Hydrogen Terminated (100)Diamond Bandstructure and Density Of State (DOS)



Bulk MoO<sub>3</sub> Bandstructure and Density Of State (DOS)



Partial Density Of State (PDOS) for H-diamond: MoO<sub>3</sub> interface

