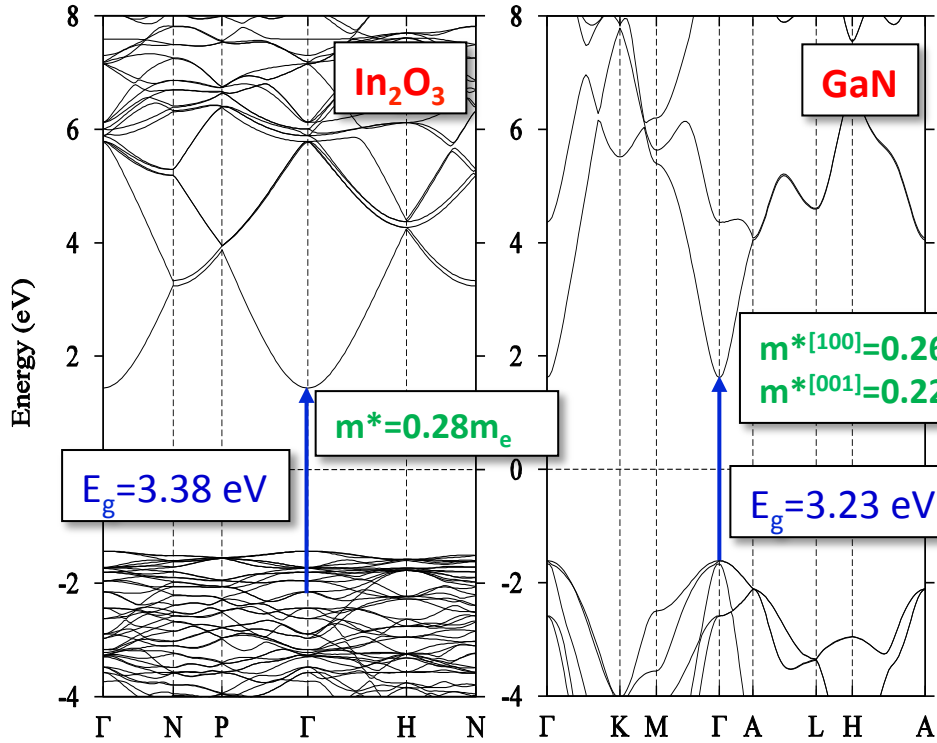
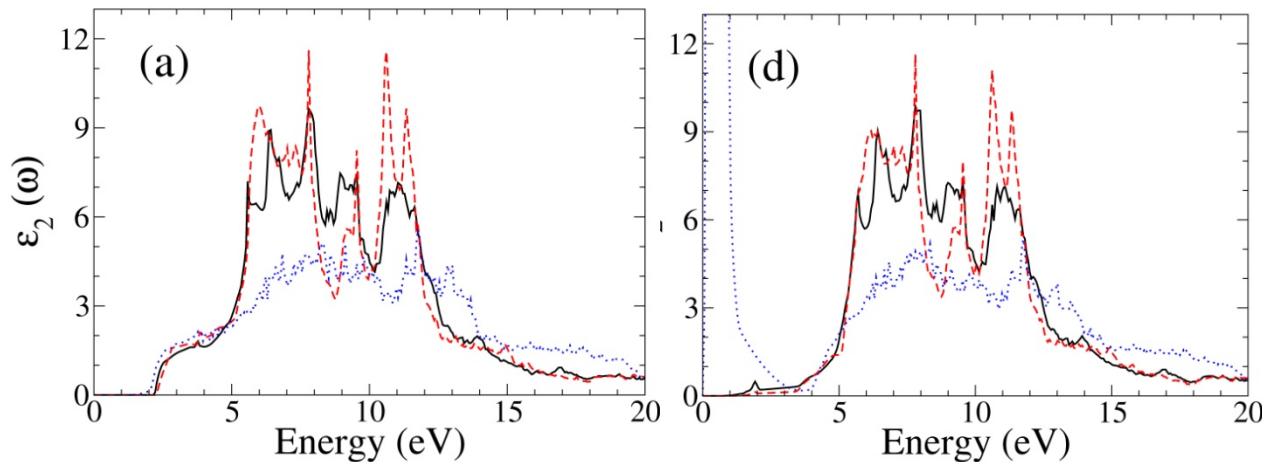
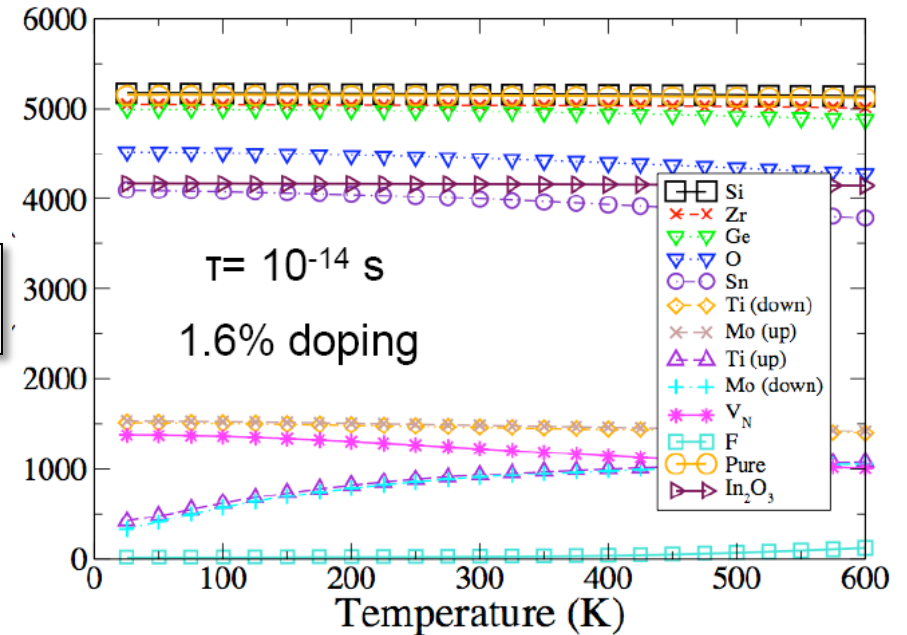


# Non-oxide transparent conductors: GaN



Calculated electrical conductivity,  $\sigma$  (S/cm)



Calculated absorption:  
 Conducting GaN exhibits low optical absorption up to about 5 eV, even when the carrier concentration is  $3.5 \times 10^{20} \text{ cm}^{-3}$