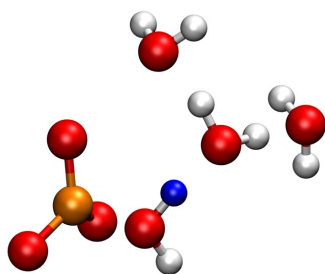
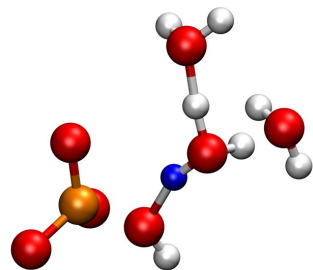


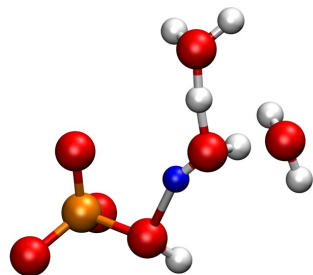
PT from H_2O



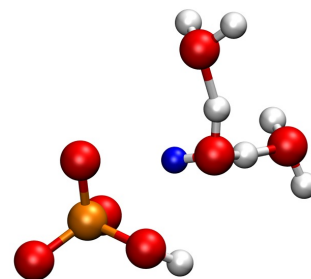
Water approaches



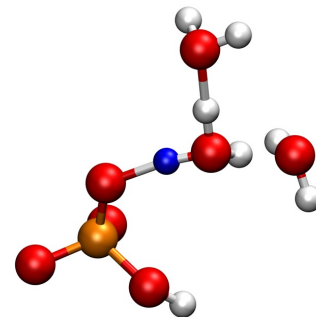
OH^- is formed



Zundel cation (H_5O_2^+)

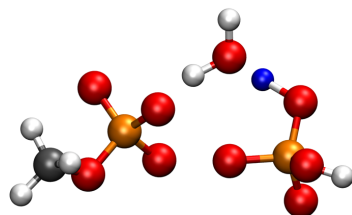


Eigen cation (H_7O_4^+)

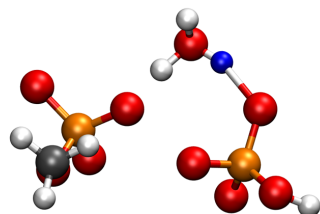


Proton transfer

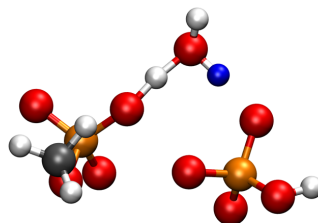
PT from H_2PO_4^-



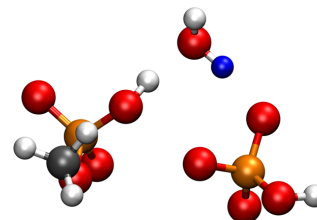
Bridging water occurs



Hydronium (H_3O^+)



H_3O^+ approaches Ig



Proton is transferred