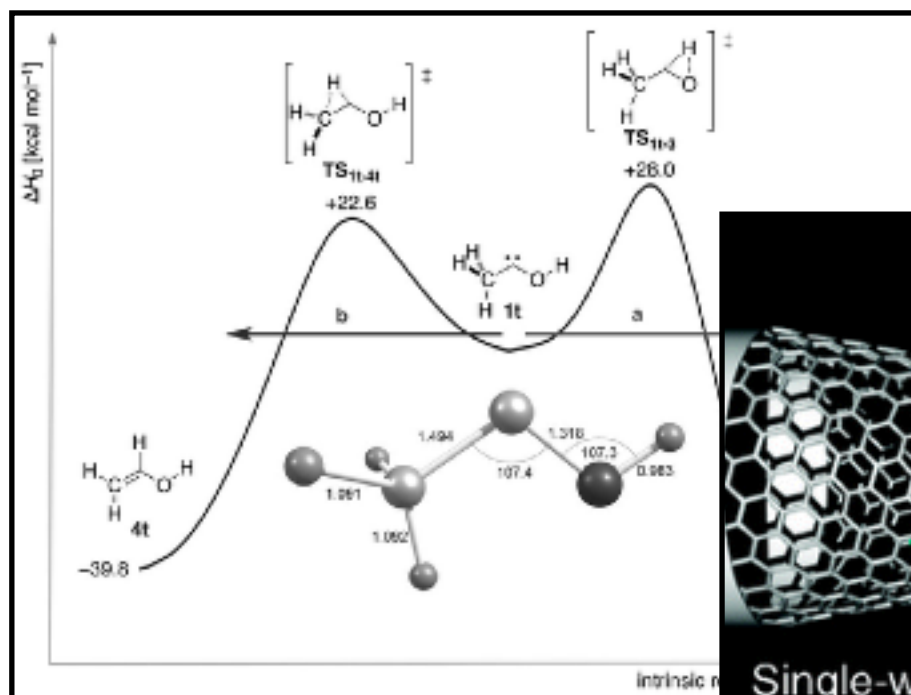
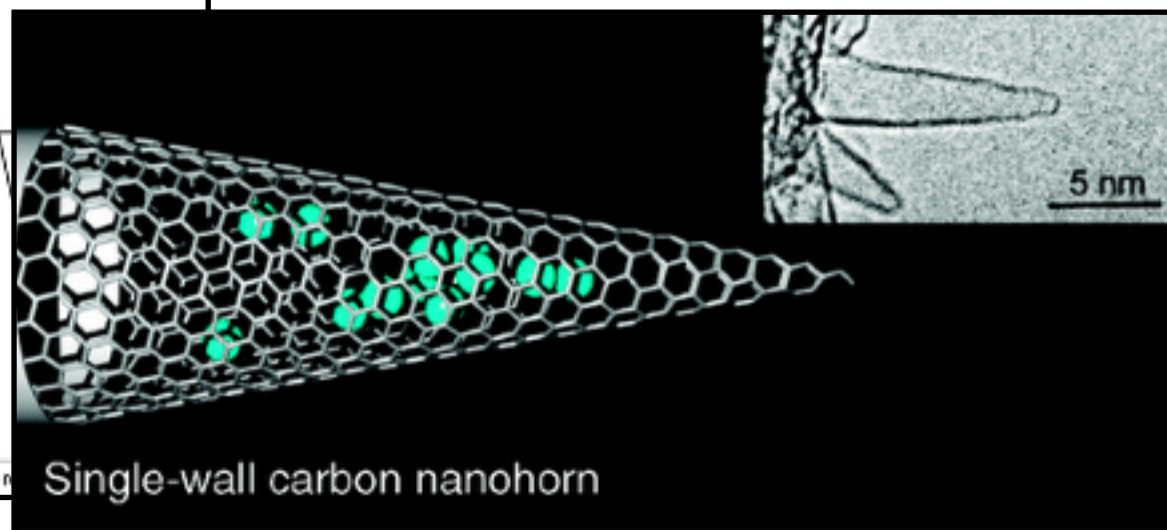


# Why quantum dynamics?

“The usual suspects” for quantum effects



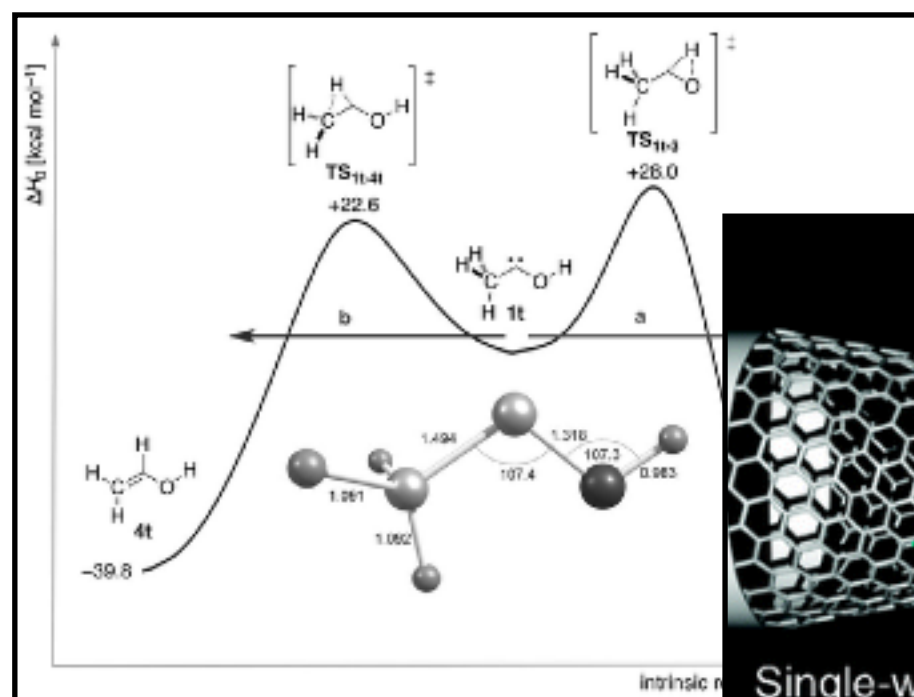
Tunneling of  
light atoms



Nanoscale  
materials

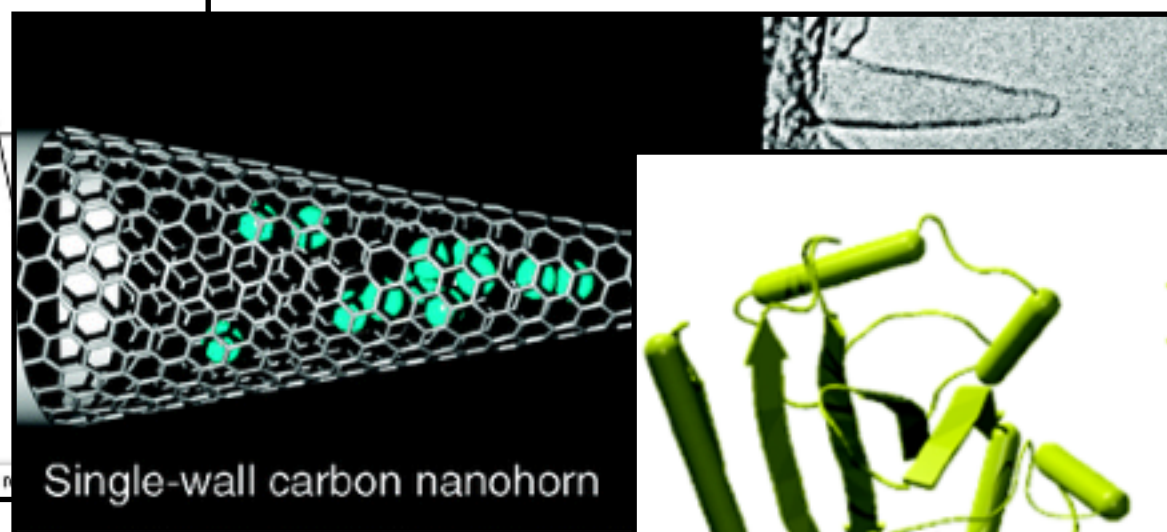
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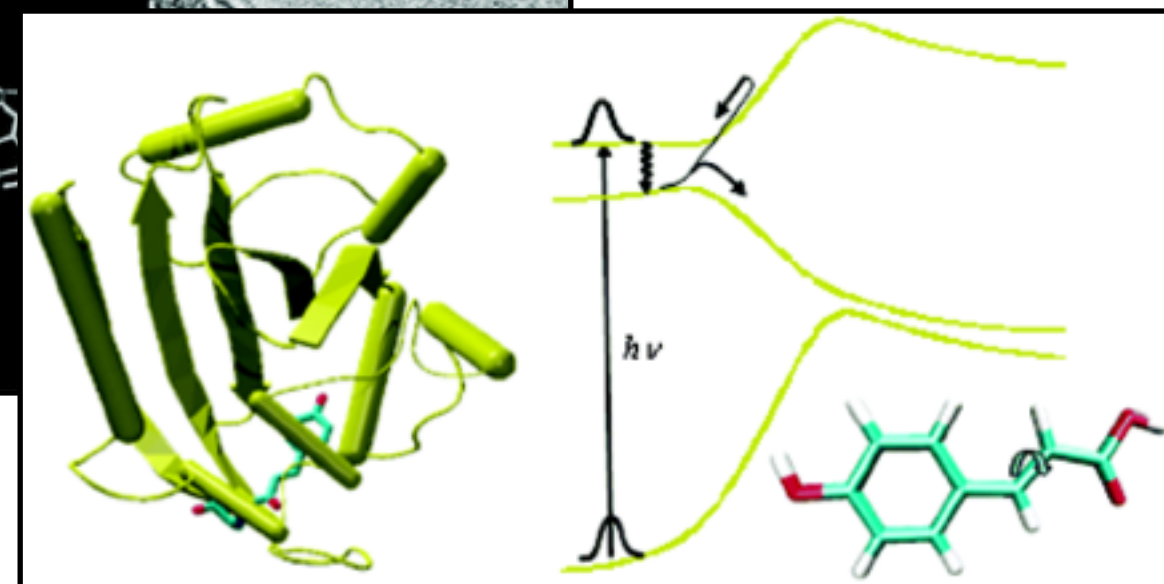
Tunneling of  
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Nonadiabatic energy  
or charge transfer

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