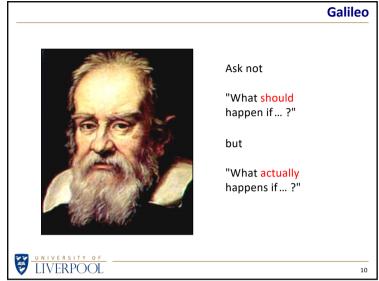
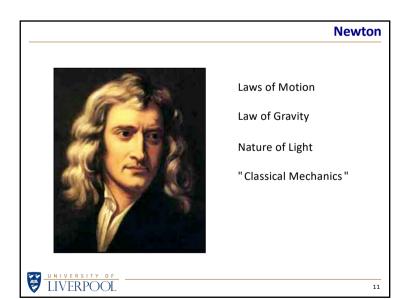
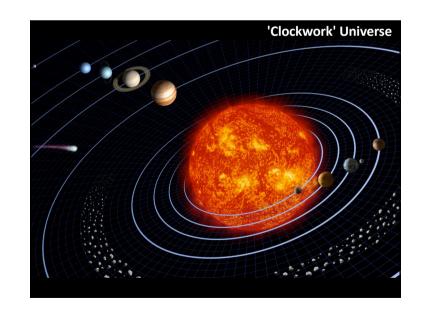


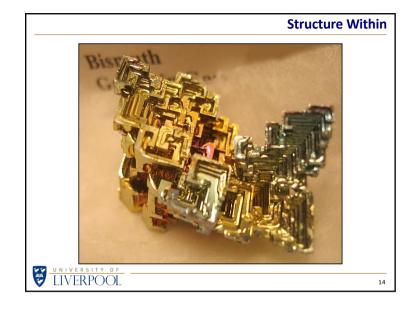
	Galileo	
The nature of the world around us should be determined by quantitative experiments, in by qualitative intellectual arguments	15	
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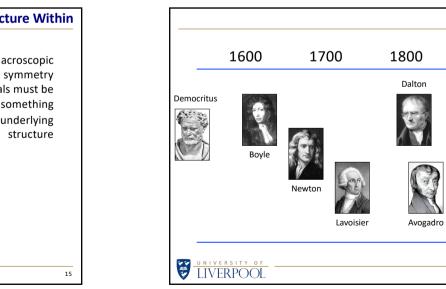


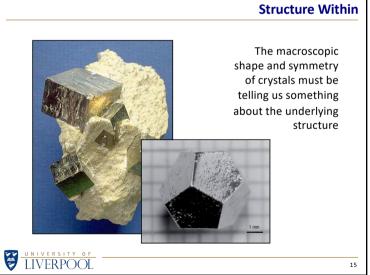












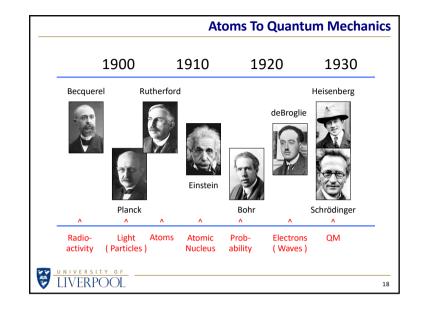
Atoms

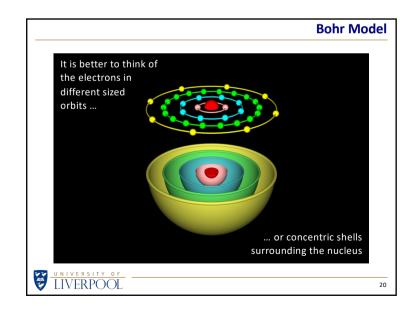
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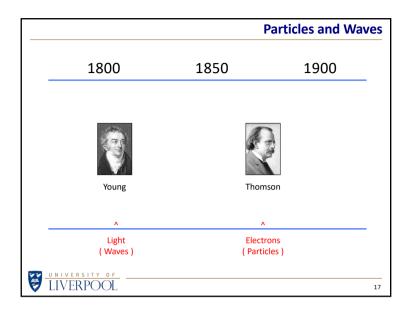
Maxwell

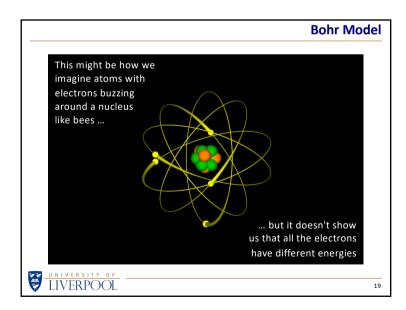
Boltzmann

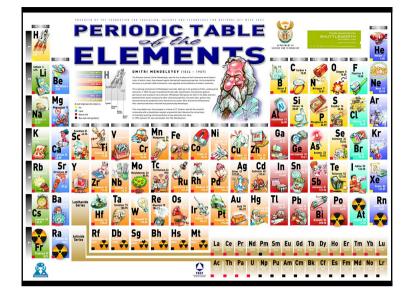
16

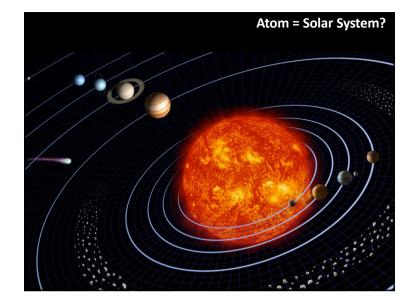


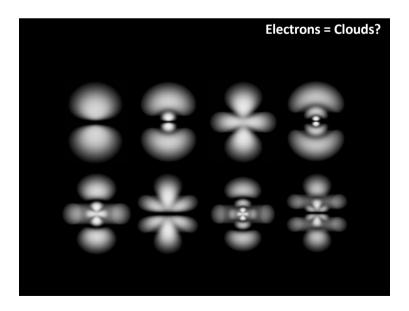


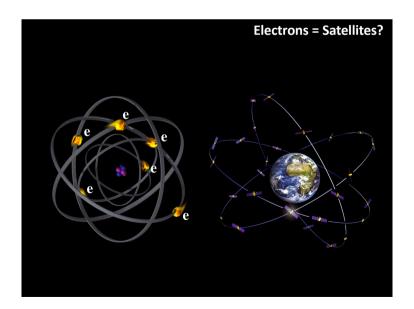




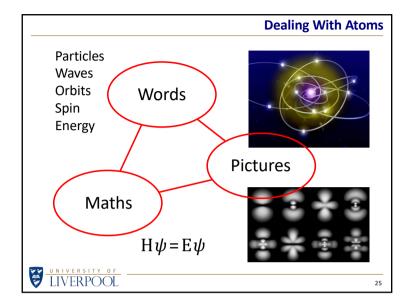


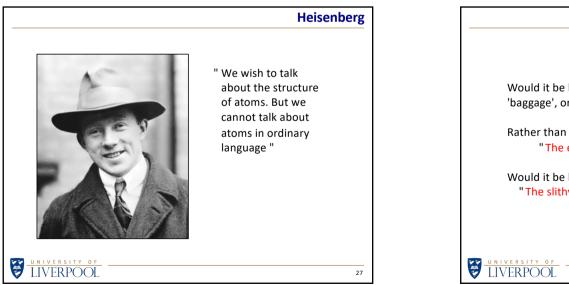


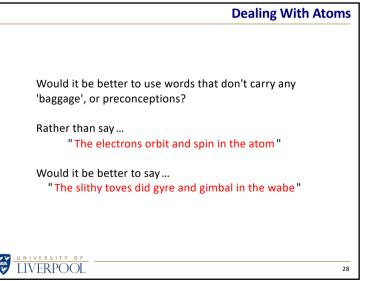


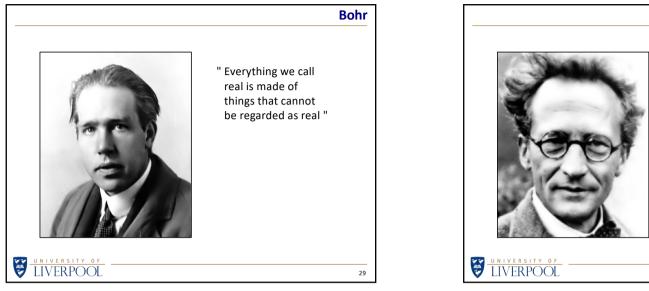


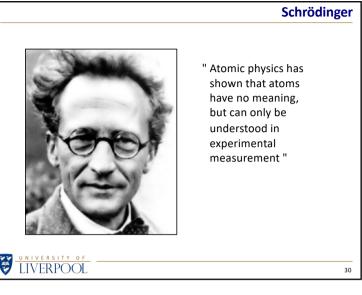
**Dealing With Atoms**  $m = |T(i,m)\rangle =$  $i\hbar \frac{\partial}{\partial t} \Psi(r,t) = \hat{H} \Psi(r,t)$  $P[a \le X \le b] = \int \int W(x,p) dp dx$ AIX]= exp( 1/2 (X(t)d+)  $P(a,b) = [d\lambda \cdot p(\lambda) \cdot p_{a}(a,\lambda) \cdot p_{b}(b,\lambda)]$ AN **H** LIVERPOOL 26

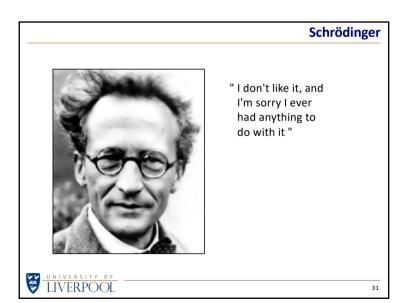


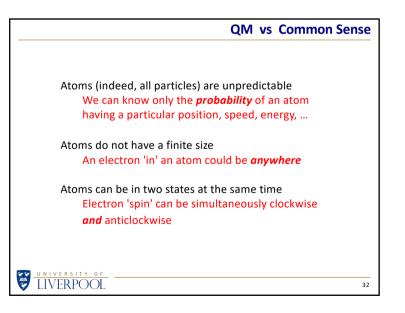


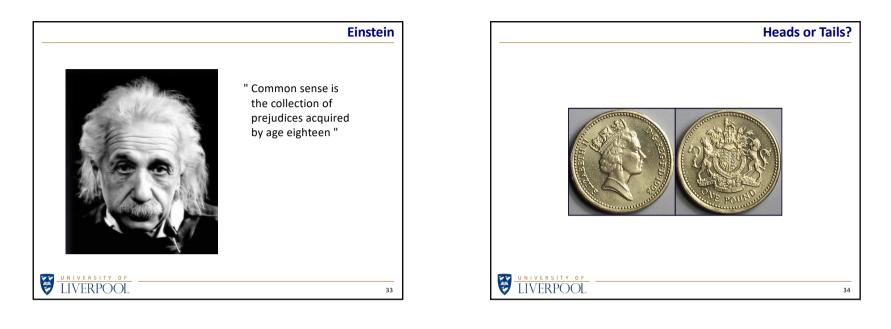


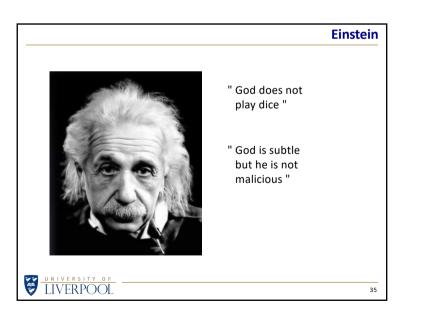


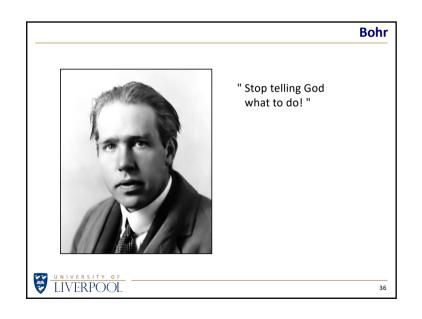


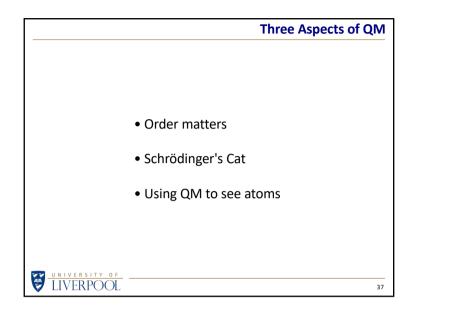


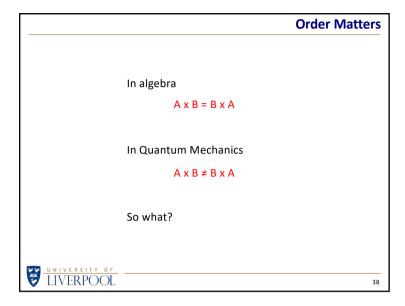








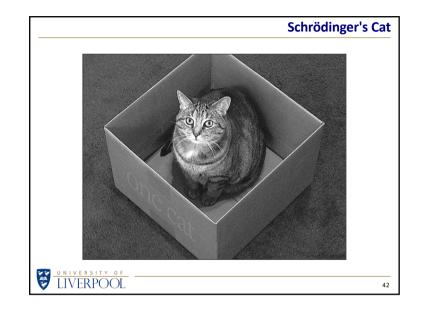


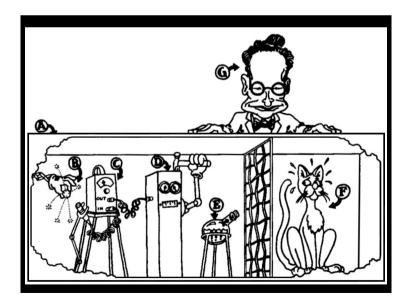


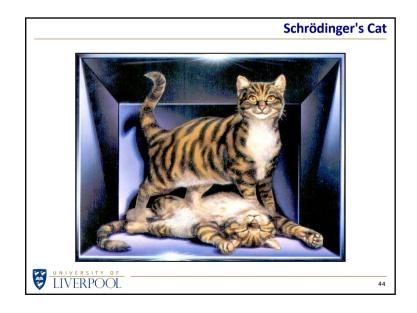


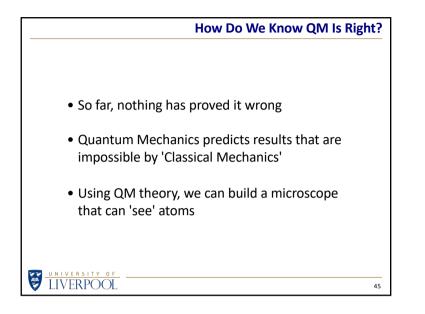


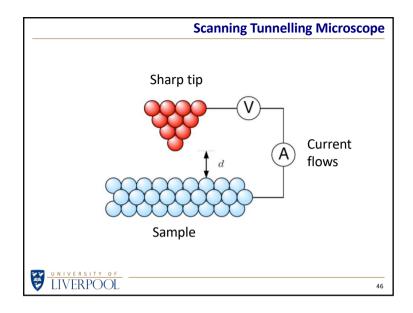


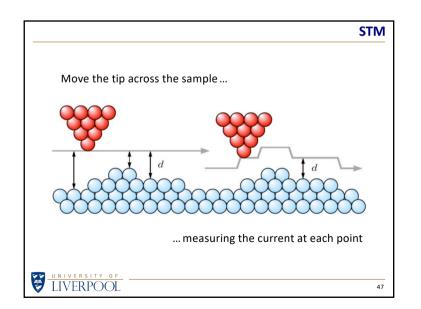


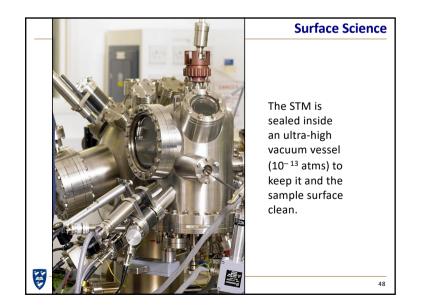


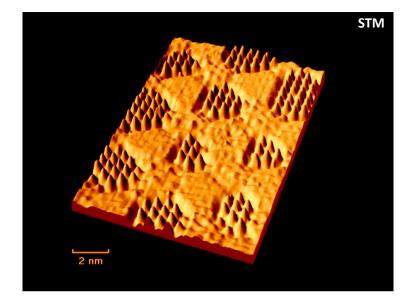


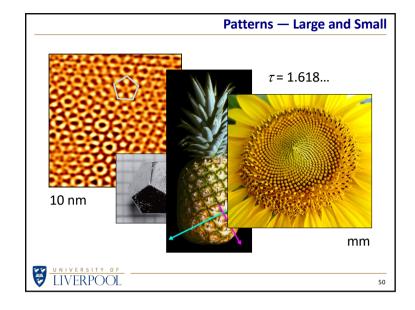


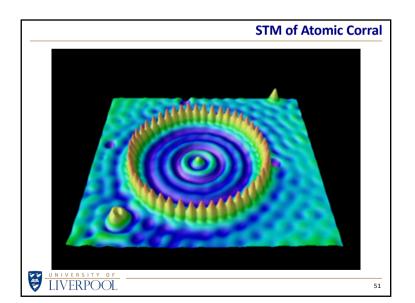


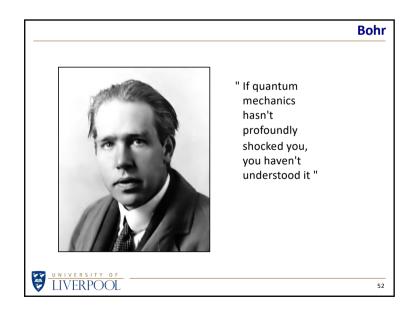












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	" The most incomprehensible thing about the world is that it is comprehensible "		
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