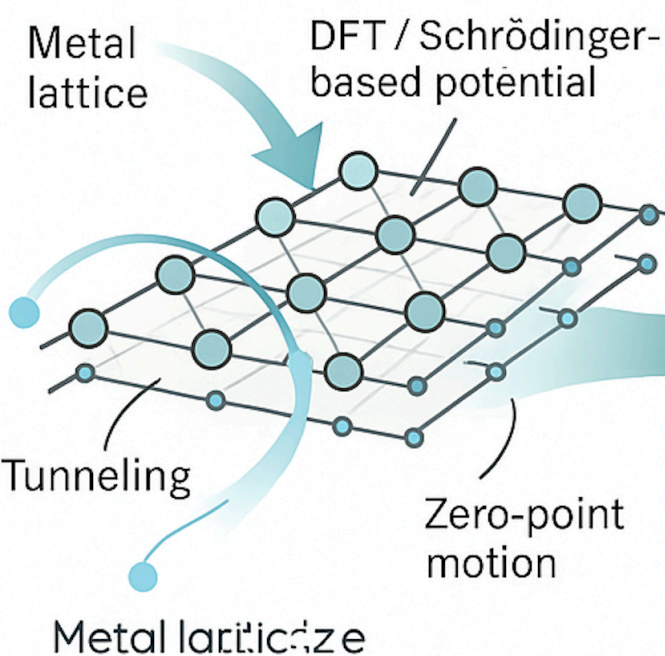


## Microscopic



### Quantum-Informed Diffusion Model

$$D(T) = D_o e^{-\frac{(E_t - E)}{kT}}$$



Macroscopic effective parameters



Uncertainty quantification

## Macroscopic

