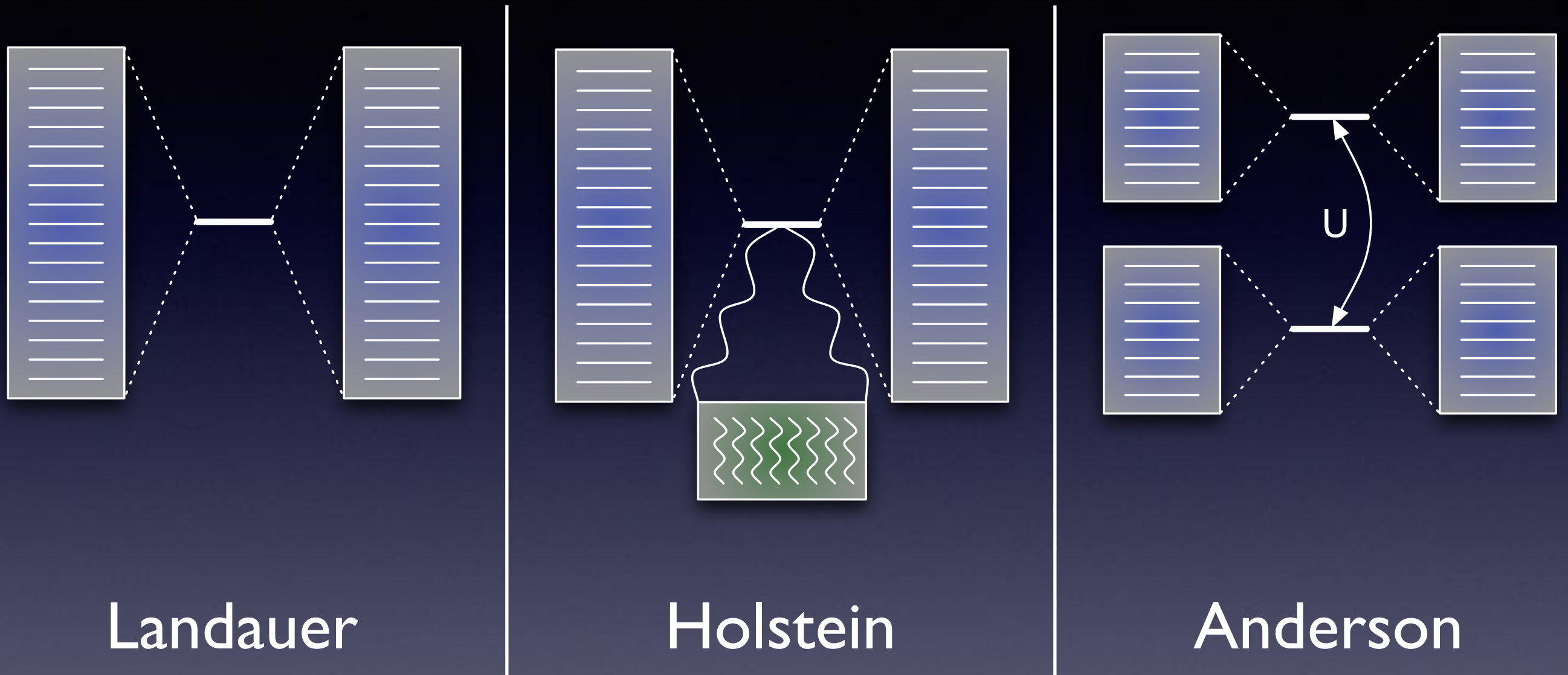


$$I_L(t) = \text{Tr} \left(\hat{\rho} e^{i\hat{H}t} \hat{I}_L e^{-i\hat{H}t} \right)$$

1. Average over many trajectories
2. Select representative initial conditions
3. Run trajectories
4. Calculate observable at each time

Three Systems



Nonequilibrium quantum transport
(conduction through molecular electronics)
from classical equations of motion