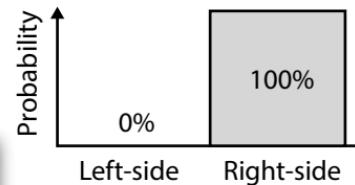


Time,  $t = 0$ . Entropy,  $S = 0 k_B$



**Convection**

Particles swap



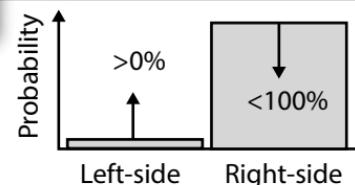
**Conduction**

Particles average



OR

Time,  $t > 0$ . Entropy,  $S > 0 k_B$



Time,  $t > 10^6$ . Entropy,  $S \approx \ln(2) k_B = 0.69 k_B$

