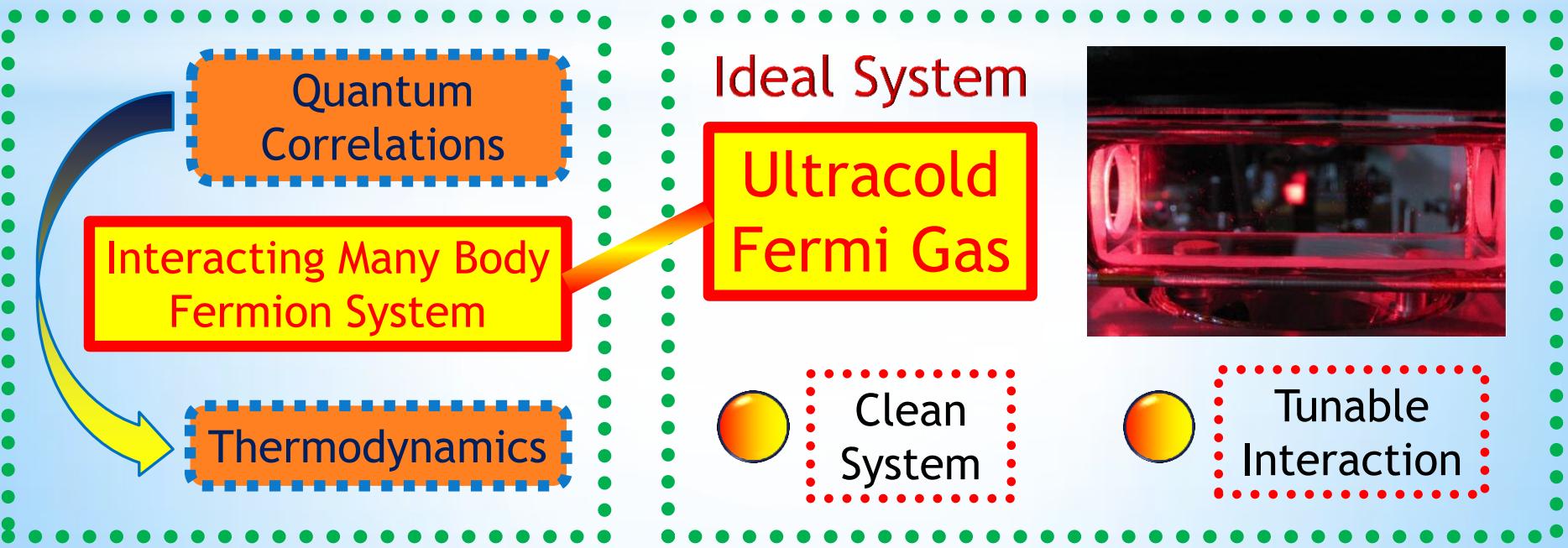
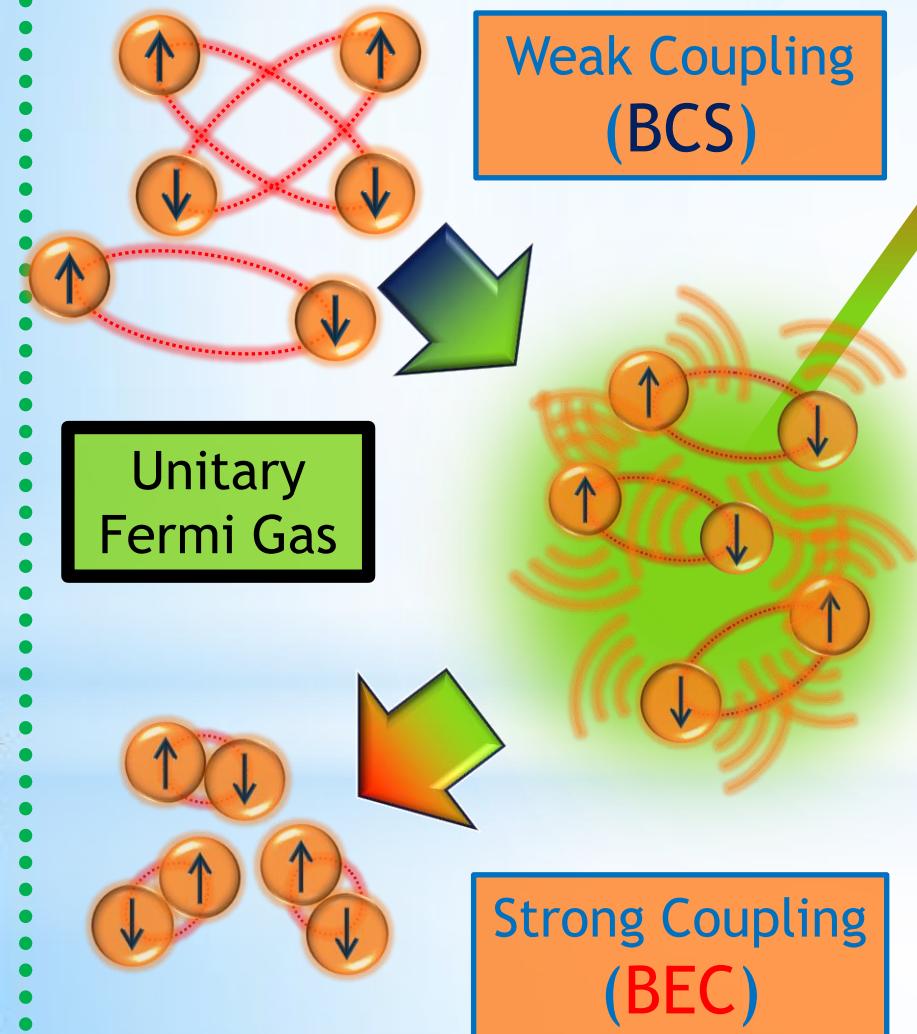


Specific heat and strong-coupling effects in the BCS-BEC crossover regime of an ultracold Fermi gas

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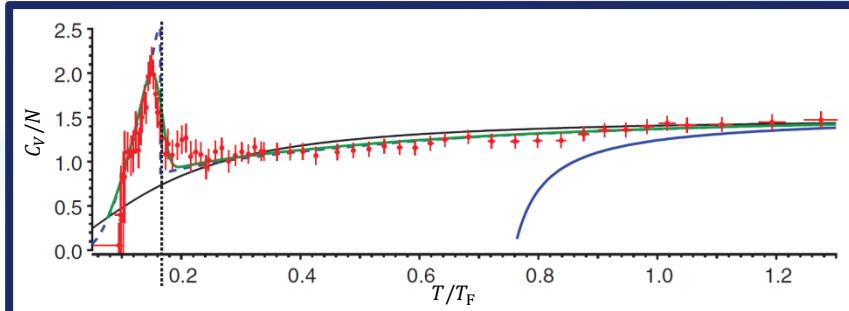
BCS-BEC Crossover



Strong Coupling Effects
“Pairing Fluctuations”

“Change in Entropy”
||
Specific Heat

Experiment at Unitarity



Specific heat and strong-coupling effects in the BCS-BEC crossover regime of an ultracold Fermi gas

Strong coupling corrections to specific heat within a Gaussian fluctuation (NSR) level at T_c

$$\Omega_{\text{NSR}} = \dots + \dots + \dots + \dots$$

