

Energy per particle

$\frac{\langle E \rangle}{N}$

4.5  
4.0  
3.5  
3.0  
2.5  
2.0  
1.5

0.2

0.4

0.6

0.8

1.0

$\alpha$

Variational parameter

- VMC  $\langle E \rangle$
- Ground state energy w/o interactions
- $1.96\sigma_{\langle E \rangle}$  range

