

Butanol/ $\text{O}_2/\text{N}_2$ ,  $\phi = 1.0$ ,  $P_c = 15$  bar

850 K

800 K

750 K

Ignition Delay, ms

Symbols: Experiments  
Solid Lines: Simulations

○ *t*-butanol

□ *i*-butanol

◇ *s*-butanol

△ *n*-butanol

$\text{O}_2 : \text{N}_2 = 1 : 3.76$

100

1.15

1.2

1.25

1.3

1.35

1.4

$1000/T_c, \text{K}^{-1}$

