

Minimum at  $\mathbf{Q} = (Q_m, Q_m)$  with

$$\begin{aligned} P_{\mathbf{Q}}(\mathbf{k}) = & 0.996(\cos k_x - \cos k_y) \\ & + 0.087(\cos(2k_x) - \cos(2k_y)) \end{aligned}$$

**Incommensurate  
 $d$ -wave bond order**