## Short Range Order of Liquid and Orientationally Disordered Phases of CCI<sub>4</sub>

## L. C. Pardo<sup>1,2</sup>,N. Veglio<sup>1</sup>, G. J. Cuello<sup>3</sup>, F. J. Bermejo<sup>4</sup> and J. Ll. Tamarit<sup>1</sup>



The FCC positional ordering mimics that of the liquid: Minimum positional changes are required in the Liquid+CC phase transition

FCC

RMC

The SRO of the FCC phase does not allow the closest molecular approach, but allows the stacking, present in a long range ordered phase, such as the FCC.

closest approach of molecules, but avoids

stacking, and therefore the formation of an

ordered phase.