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## **\*Leading Talk\* Clustering in nuclei from ab initio nuclear lattice simulations**

*Thursday, July 2, 2015 2:30 PM (25 minutes)*

In this talk, I discuss the emergence of clustering in ab initio nuclear lattice simulations. The spectrum and the structure of the  $^{12}\text{C}$  and  $^{16}\text{O}$  nuclei are displayed. I also consider some issues related to the breaking of rotational symmetry in alpha cluster-models and show how these lattice artifacts can be tamed.

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