

Abstract Submitted  
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***Ab Initio* Composite Methods** ANGELA WILSON, WANYI JIANG,  
GBENGA OYEDEPO, MARIE LAURY, University of North Texas — In this brief  
presentation, we highlight recent developments of the *ab initio* composite method,  
the correlation consistent Composite Approach (ccCA). Recent work has enabled  
ccCA to be utilized for 3d transition metals, as well as for species for which a  
multireference wavefunction is required. We overview the development, as well as  
applications of the method to the prediction of spectroscopic and thermodynamic  
properties of molecules.

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