



Contribution ID: 130

Type: **Talk**

## Can we reach the heaven of chemical accuracy by climbing Jacob's Ladder? A DFT validation study for Non-heme Iron complexes

*Tuesday, 5 December 2017 14:00 (20 minutes)*

### **HPC content**

Gaussian 09 Code was used to optimize complexes. 20GB of RAM, 1 node of 24 processors and an average walltime of 50:00 was used for each optimization.

**Primary author:** Dr ADEYINKA, Adedapo (Chemical Resource Beneficiation Focus Area, Northwest University Potchefstroom Campus)

**Co-author:** Dr VAN SITTEERT, Cornie (North-West University)

**Presenter:** Dr ADEYINKA, Adedapo (Chemical Resource Beneficiation Focus Area, Northwest University Potchefstroom Campus)

**Session Classification:** Chemistry

**Track Classification:** Computational Chemistry