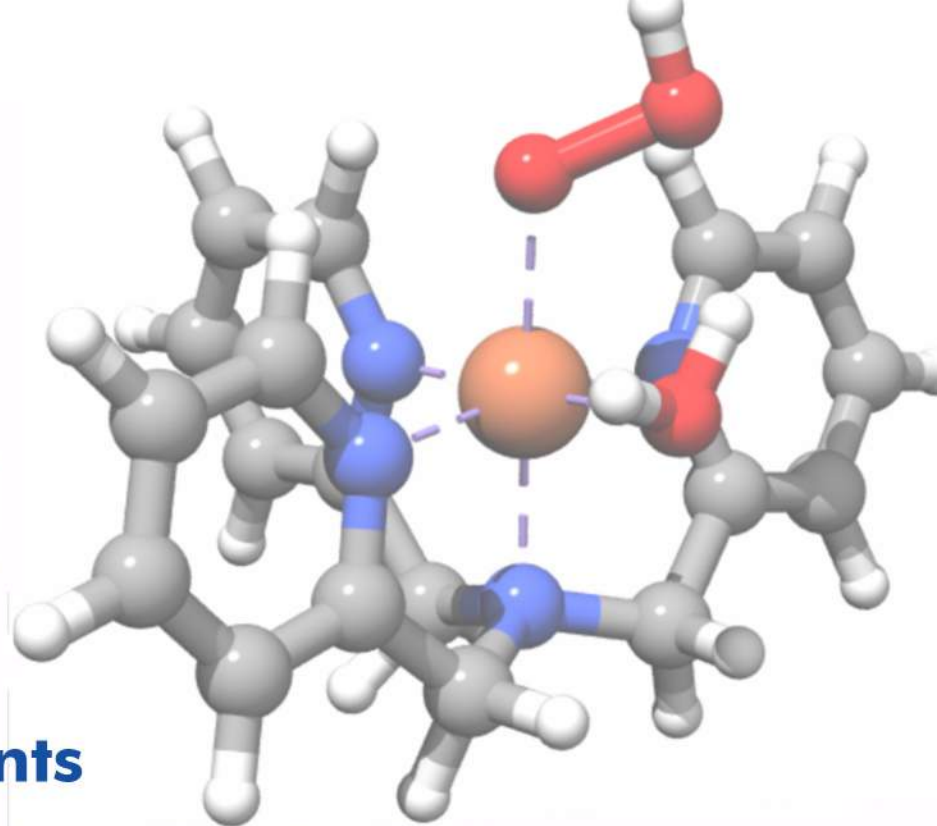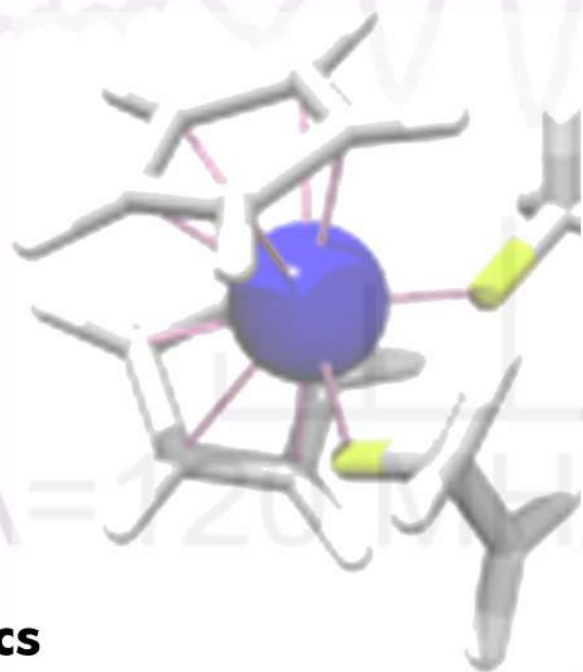# ORCA User Meeting

Methods, applications and developments

September 7-8, 2015 - Wissenschaftspark Gelsenkirchen, Germany

The ORCA program package by now has a vastly increasing user community worldwide. In order to facilitate discussion between developers, contributors and users we organize the first ORCA users meeting. The team is looking forward to meeting you there!

Invited Speakers:

- *Prof. Stefan Grimme, Universität Bonn, Germany*
- *Dr. Christoph Riplinger, Princeton University, US*
- *Dr. Michael Beck, Bayer CropScience, Germany*
- *Prof. Martin Korth, Universität Ulm, Germany*
- *Dr. Andreas Hansen, Universität Bonn, Germany*
- *Prof. Serena DeBeer, MPI-CEC, Germany*
- *Dr. Michael Römelt, Ruhr-Universität Bochum, Germany*
- *Dr. Ragnar Björnsson, University of Iceland, Iceland*
- *Dr. Dimitrios Manganas, MPI-CEC, Germany*
- *Prof. Ed Valeev, Virginia Tech, US*

Topics

- the ORCA Input Library, Interfaces
- DFT for large systems
- basis set effects
- fast and accurate PNO calculations
- theoretical spectroscopy
- applications on battery acids, crop protection, environmental effects, catalysis

Deadline for registration: 31 July 2015
More information will be available at http://www.cec.mpg.de

Organizers: Alexander Auer, Frank Wennmohs, Robert Izsak

Max Planck Institute for Chemical Energy Conversion