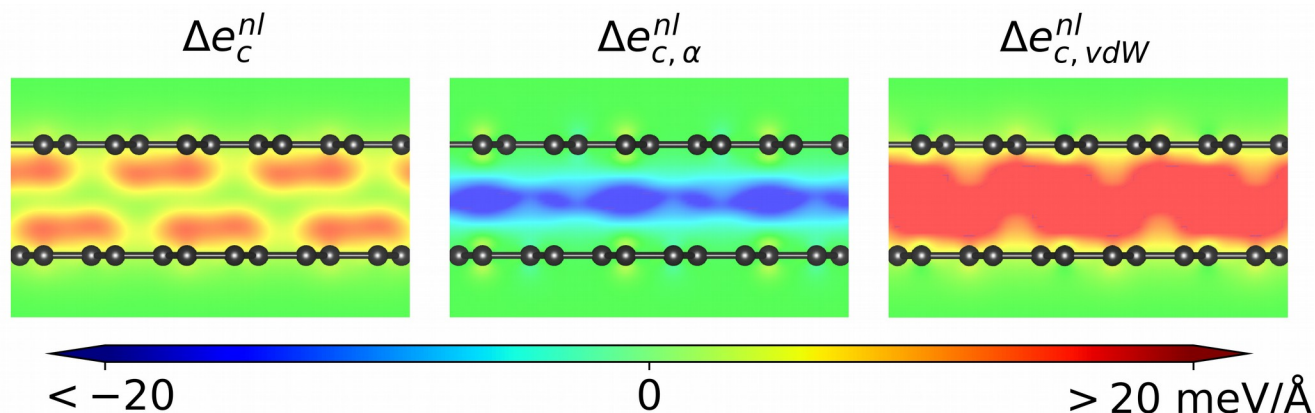


Launching developments for nonlocal DFT

Theory postdoc position at MC2, Chalmers, Sweden



We seek a theory postdoc to complete and launch nonlocal-correlation functional developments, as well as to analyze and document the nature and status of the van der Waals density functional (vdW-DF) method. The focus is on vdW-DF versions that reflect the Lindhard screening logic, on completing implementations, and on validation. You will also help us define and set up experiment-based benchmarking suits and adapt the vdW-DF library/DFT codings for large-scale computational studies of relevance in condensed-matter physics, chemistry, and biochemistry studies.

Motivation as well as experience in condensed-matter theory and in coding (C/fortran) is required. The position is for 1+1 years.

If you are interested, please see the official Chalmers announcement for the position at <http://www.chalmers.se/en/about-chalmers/Working-at-Chalmers/Vacancies/Pages/default.aspx?rmpage=job&rmjob=7482>. The webpage also has instructions for applying and a portal through which the application must be sent. The search is open until August 15, 2019 or until we have found the right candidate.

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