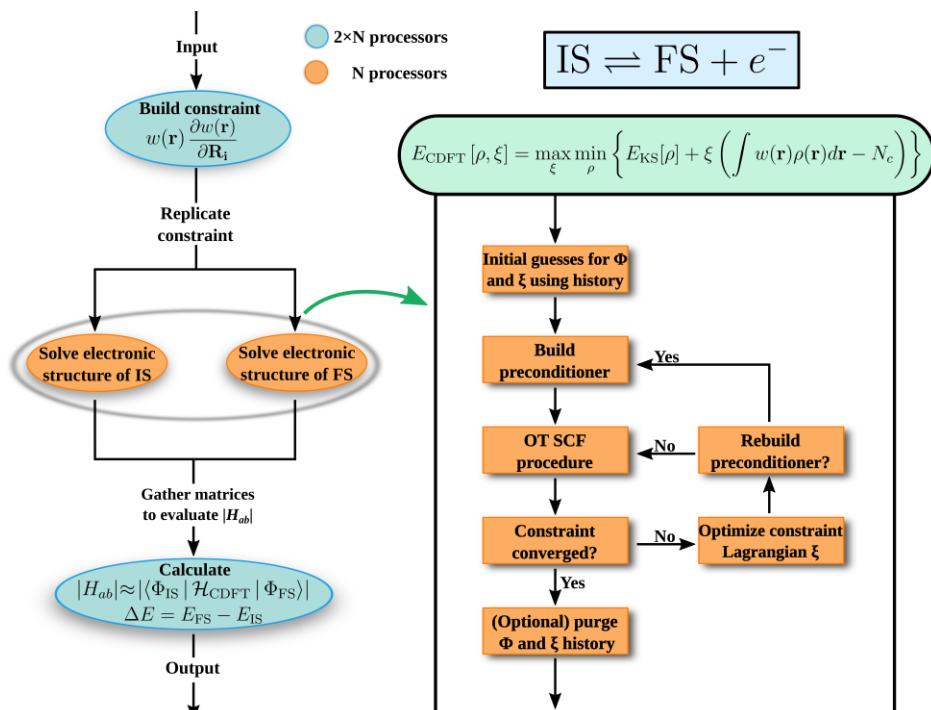


Efficient constrained DFT implementation for condensed phase electron transfer MD simulations¹

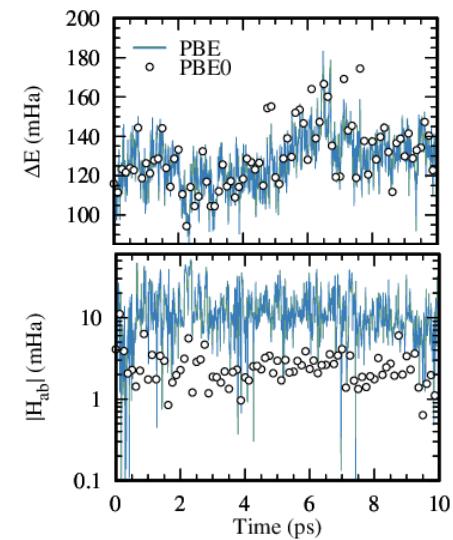
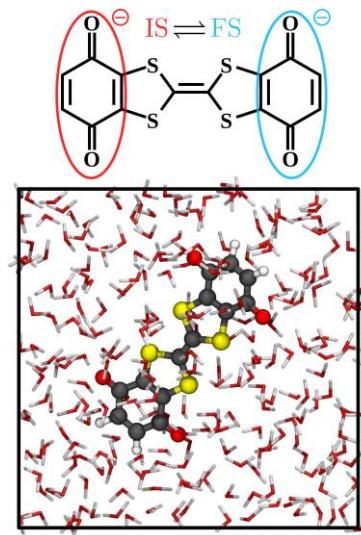
Nico Holmberg, Aalto University, nico.holmberg@aalto.fi



Code not yet in trunk, but available at
<https://github.com/nholmber/cp2k-cdft-dev>

Electron transfer (ET) parameters directly from two-state MD simulations with explicit solvent

Example: Intramolecular ET in QTTFQ⁻ (258 water, 12 ps total, 0.5 fs step, 384 MPI cores)



1. Holmberg, N.; Laasonen, K.; *J. Chem. Theory Comput.*, Just Accepted Manuscript, DOI: 10.1021/acs.jctc.6b01085