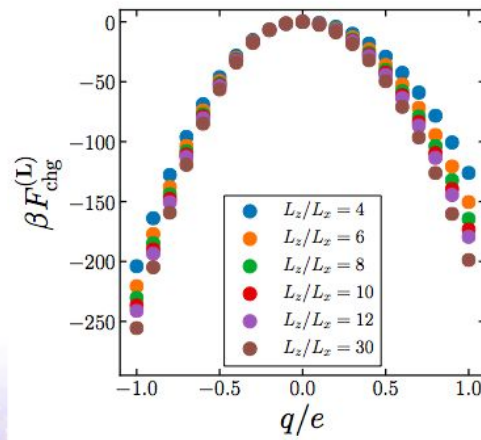


Interfacial ion solvation: Obtaining the thermodynamic limit from molecular simulations

- Potential future user of CP2K.
- Using the constant D ensemble to probe the statistical mechanics of electrolyte solutions.
- Hoping to investigate acidity of liquid/solid interfaces in future [see e.g. Zhang & Sprik, PRB **94**, 245309 (2016) and Sayer, Zhang Sprik JCP **147**, 104702 (2017)].
- Recent work on finite size effects in slab geometry...
- **Cox and Geissler**
arXiv:1801.00810 (2018).



simple finite size correction.

related to polarization fluct's/response at interface.

disambiguates contributions of surface potential in solvation.

