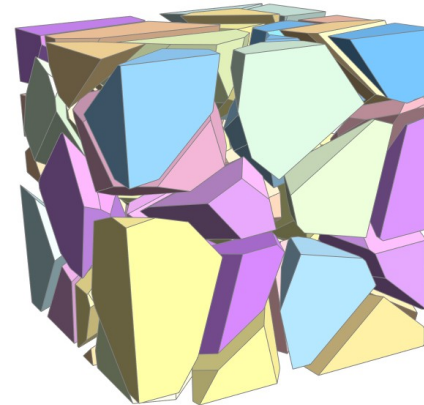


Computational homogenization of non-linear electro-mechanics

The work will focus on a heterogeneous and anisotropic microstructure that undergoes a coupled response problem. Computational homogenization will turn out an integral relation of the macroscopic quantities and their microscopic counterparts.

The work will be to develop an element-code and run simulations for investigations regarding accuracy and performance.



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Requirements:

- Continuum mechanics / Numerical Methods
- Expertise in AceGen/AceFEM would be a plus
- Knowledge of Computational homogenization would a plus

Start:

As soon as possible

