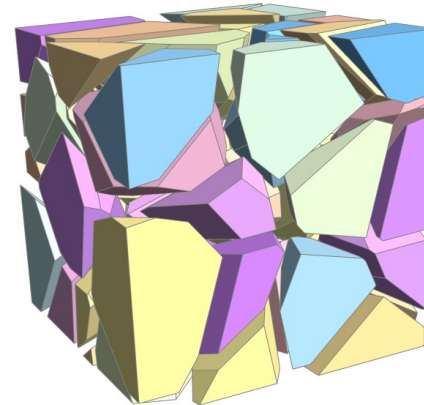


## Data-Base creation for Machine Learning in Micro-Mechanics

Heterogeneous micro-materials exhibit sets of parameters, that have to be controlled for an efficient use of further numerical methods. One way is to use machine learning techniques. Therefore, data-bases have to be created.

The objective of this work will be to create a data-base via simulation, that depends on input-samples.



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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

