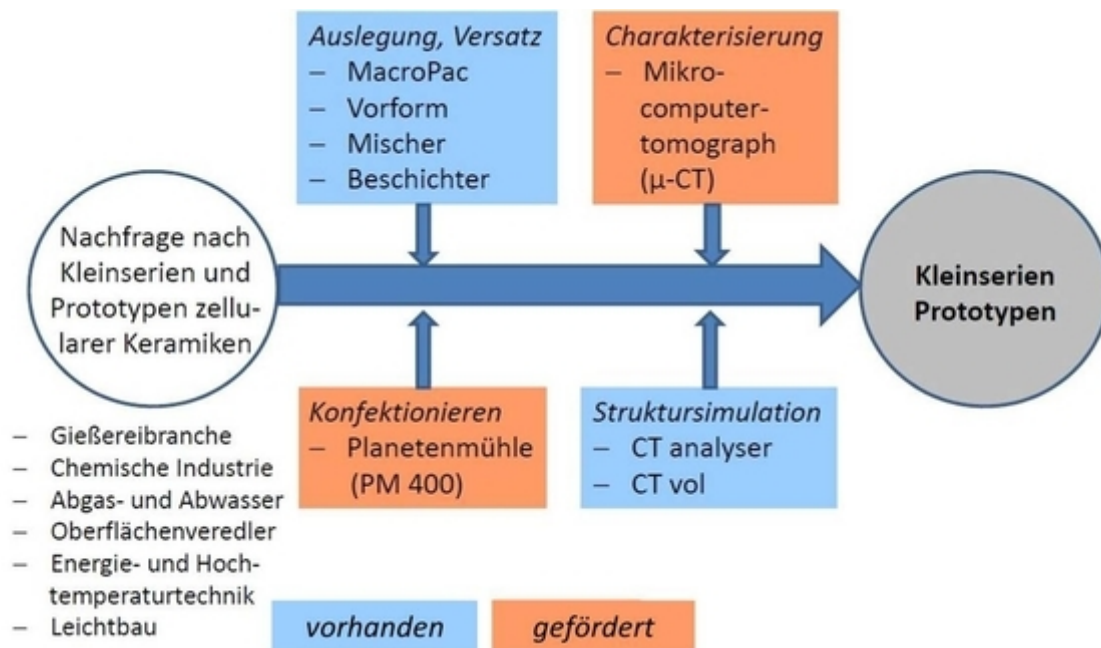


TRANSFER AND ENTREPRENEUR CENTRE

inzell - innovative cellular materials

The ego.-Incubator "**innovative cellular materials**" (inzell) gives the opportunity to work in the area of the entire process chain of the production of materials and components. Of particular interest is the properties and uses of porous materials, such as e.g. glass foam and ceramic foams. Typical applications of porous materials are in lightweight construction, thermal management and catalysis.



Computer tomograph Nanotom S 180



- Non-destructive 3D sample measurement
- Sample dimensions up to approx. 50 mm diameter
- 3D-resolution up to 1 μm possible
- Protection machine
- Acceleration voltage up to 180 kV
- Wolfram-Target

Planet-Ball mill PM400

- wet or dry grinding
- Grinding of almost all materials possible
- Final finenesses of 1 μm



Software

- MacroPac for the simulation of particle packing
- CT analyser
- CT vol
- Avizo fire for editing, evaluation and presentation of 3D structures



Requirements

In order to use the ego.-incubators the following conditions have to be met:

- Project presentation with targets and timeframes
- Students or academic staff or peers (artists, physicians, Exist scholarship holders, graduates / graduated employees with founding intentions) at a university in the state of Saxony-Anhalt
- No pursuit of economic activity through the user of the incubator

If you have any questions, please contact the supervisor of the respective ego.-incubator or directly contact the TUGZ



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