## Characterization of complex pore networks in carbon preforms of MiCa-SiC ceramics on the basis of X-ray computed tomography

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## Conclusions/Outlook

- Both methods, granulometry and cells reconstruction, provide useful information about the PSD in the carbon preforms
  A Representative Unit Cell (RUC) can be defined using specific volume properties. The knowledge of the RUC reduces
- effectively the numerical effort when performing simulations (e.g. CFD) based on geometries extracted from CT data
- The suitability of further methods (e.g. pore-thorat-models) is under investigation
- The PSD based on CT data will be correlated with other experimental methods (e.g. Mercury Intrusion Porosimetry)



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