

## MULTISCALE MODELING OF CONCRETE AND CONCRETE STRUCTURES

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### ABSTRACT

Topics of this Minisymposium include, but are not restricted to,

- \*) New homogenization methods or extensions of existing homogenization methods
- \*) Application of multiscale analysis to advanced types of concrete
- \*) Applicability/limitations of multiscale analysis of fracture and damage of concrete
- \*) Combined multiscale and multiphysics analysis in the framework of constitutive modeling of concrete.
- \*) Multiscale analysis applied to static and dynamic investigations of concrete structures
- \*) Advanced experimental techniques to validate results from multiscale analysis of concrete and concrete structures.