

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.