MULTISCALE MODELING OF CONCRETE AND CONCRETE STRUCTURES

HERBERT A. MANG^{*}, YONG YUAN[†] AND BERNHARD PICHLER^{*}

* Vienna University of Technology Karlsplatz 13, 1040 Vienna, Austria <u>Herbert.Mang@tuwien.ac.at;</u> <u>Bernhard.Pichler@tuwien.ac.at</u> http://www.imws.tuwien.ac.at

† Tongji University 1239 Siping Rd, Shanghai, China <u>yuany@tongji.edu.cn</u> http://civileng.tongji.edu.cn/en

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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