## STABILIZED, MULTISCALE AND MULTIPHYSICS METHODS

## TAYFUN E. TEZDUYAR<sup>1</sup>, ARIF MASUD<sup>2</sup> AND THOMAS J.R. HUGHES<sup>3</sup>

<sup>1</sup> Rice University Houston, Texas 77005, USA tezduyar@rice.edu

<sup>2</sup> University of Illinois at Urbana-Champaign Urbana, IL 61801, USA amasud@uiuc.edu

> <sup>3</sup> University of Texas, Austin Austin, TX 78712, USA hughes@ices.utexas.edu

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## ABSTRACT

In this mini-symposium we will have speakers focusing on various aspects of stabilized formulations, multiscale approaches, and methods for multiphysics problems, including fluid–structure interactions. The symposium will provide a forum for engineers, applied mathematicians and computational scientists to discuss the recent developments in the broad field of stabilized, multiscale and multiphysics methods, and the challenging problems that they are addressing with these methods. Application problems will come from various areas of engineering and applied sciences, including biomechanics, aerodynamics, mechanical engineering, civil engineering, and materials science.