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NUMERICAL METHODS FOR MULTI-MATERIAL FLOWS

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ABSTRACT

This Minisymposium will focus on mathematical and numerical aspects of Lagrangian, Eulerian, and Arbitrary Lagrangian Eulerian (ALE) methods for multi-material and multi-phase flow problems covering diverse spectra of material types from gasses to metals. In addition to hydrodynamic methods, the minisymposium will cover interface reconstruction methods, material closure models, and void closure and opening methods. Results for both tests and real applications should be presented.