Special Session

on

ADVANCED NUMERICAL TECHNIQUES FOR PDEs AND APPLICATIONS

ABSTRACT

This special session is devoted to emerging numerical techniques or emerging models used in the computational practice. These will include discontinuous Galerkin method and hybridization, weak Galerkin method, multiscale approximations, finite volume, and model reduction techniques. Among latest are multiscale methods and fractional order PDEs. These are techniques and models have been developed and studied for the needs of various applications.