

Session: Finite element methods for convection-diffusion problems

The session topics cover any work related to finite elements applied to convection-diffusion problems. Any type of finite element is welcomed including the classical finite element, discontinuous Galerkin, hp-FEM and so on. The work could be on any aspect of numerical discretization, convergence improvement, and stability issues as SUPG, GLS and bubble element methods. Works showing the efficiency of the FEM to simulate complex real (industrial) geometries are encouraged.