Mixed-hybrid discretization of water flow using DEAL II library

Jan Březina

Výzkumné centrum: Pokročilé sanační technologie a procesy, TU v Liberci

We shall present a solver for non-linear Richards equation based on mixed-hybrid formulation implemented with help of DEAL II library. Great adaptivity capabilities of this library are used to track the wetting front. We will also analyze strengths and weaknesses of the used library.