Native overset meshes in OpenFOAM

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The speaker will present the current work to add overset mesh functionality to OpenFOAM. It consists of a native OpenFOAM implementation of automatic overset detection (donor/acceptor/hole detection) and interfaces to the existing solvers. It provides a self-contained (no external dependencies), native OpenFOAM implementation of overset meshes. The methodology chosen requires minimal additional user setup.