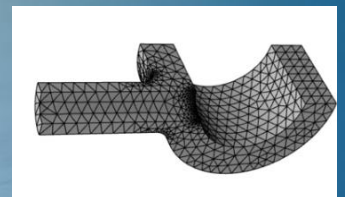


SIMULIA EXERCISE HUB: PRACTICE. APPLY. PROGRESS.



Intersecting Pipes - Tetrahedron Mesh - Design with SOLIDWORKS - Practice Hands-on

Duration: 20 min

Discipline: Structures

Level of Difficulty: Fundamental

Product: 3DEXPERIENCE

Audience: Structural Mechanics Engineer, Structural Performance Engineer, Additive Manufacturing Analysis Engineer, Durability Performance Engineer, Durability and Mechanics Engineer, Structural and Durability Engineer

Apps: Structural Model Creation; Mechanical Scenario Creation

Practice sending a SOLIDWORKS pipes model to the platform and building a tetrahedral mesh with local controls.

Workshop Overview: Go from an existing SOLIDWORKS study to the 3DEXPERIENCE platform using Design with SOLIDWORKS, then create a finite element model representation and a locally refined tetrahedral mesh.

Where to Find This Exercise?

[Go to Eduspace](#)

Structural Simulation Essentials > 3 - Meshing > W3a - Intersecting Pipes - Tetrahedron Mesh - Design with SOLIDWORKS