Reynolds - A GUI for OpenFoam as a Blender addon - Deepak Surti

About the speaker
I am a 3D software engineer specializing in 3D asset, game and scientific visualization applications. Author of AssimpKit & Reynolds and Mayavi contributor.

Abstract
Reynolds is a suite of following 2 python packages:

reynolds - a python interface to the OpenFoam commands and other facilities such as case directory metadata generation
reynolds-blender - the Blender add-on code for the OpenFoam GUI, rendered using GUI specs specified in YAML

Dependencies
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python 3.6
OpenFoam
PyFoam
Blender 2.78+