

CT/MRI scans



LISA



PyQt, PyVTK, ITK, pydicom

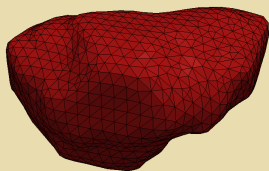
<http://github.com/mjirik/lisa>

DICOM2FEM

PyQt, PyVTK, pydicom, NumPy

<http://sfepy.org/dicom2fem>

FE mesh



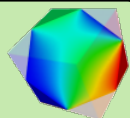
Vascular trees



SfePy

NumPy, SciPy, Cython, ...

<http://sfepy.org>



Numerical simulation

0.005
0.004
0.002
0

