Publications:

Combined shape and topology optimization for minimization of maximal von Mises stress
Publication: Research - peer-review › Journal article – Annual report year: 2017

3D interactive topology optimization on hand-held devices
Publication: Research - peer-review › Journal article – Annual report year: 2014

Combined Shape and Topology Optimization
Publication: Research › Ph.D. thesis – Annual report year: 2015

Combined shape and topology optimization of 3D structures
Publication: Research - peer-review › Conference article – Annual report year: 2014

Automatic balancing of 3D models
Publication: Research - peer-review › Journal article – Annual report year: 2014

Combined shape and topology optimization for minimization of von Mises Stress
Publication: Research - peer-review › Conference abstract for conference – Annual report year: 2014

Multiphase Image Segmentation Using the Deformable Simplicial Complex Method
Publication: Research - peer-review › Article in proceedings – Annual report year: 2014

Topology optimization using an explicit interface representation
Publication: Research - peer-review › Journal article – Annual report year: 2013

Improving Topology Optimization using Games
Publication: Research - peer-review › Conference abstract for conference – Annual report year: 2013

Topology Optimization using an Explicit Interface Representation
Publication: Research - peer-review › Conference abstract for conference – Annual report year: 2013

Generic Graph Grammar: A Simple Grammar for Generic Procedural Modelling
Publication: Research - peer-review › Article in proceedings – Annual report year: 2012

Monitoring the change in colour of meat: A comparison of traditional and kernel-based orthogonal transformations
Publication: Research - peer-review › Journal article – Annual report year: 2012

Grammar for general purpose procedural modeling
Publication: Research › Poster – Annual report year: 2011

Kernel based pattern analysis methods using eigen-decompositions for reading Icelandic sagas
Publication: Research › Poster – Annual report year: 2011

Multi spectral imaging analysis for meat spoilage discrimination
Publication: Research - peer-review › Conference abstract for conference – Annual report year: 2011
Kernel based eigenvalue-decomposition methods for analysing ham
Publication: Research - peer-review › Conference abstract in proceedings – Annual report year: 2010

Projects:

Geometrical Design Representations for Topology Optimization
Project: PhD