

Topology and Layout Optimization in Practice
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This paper and presentation will explore various applications of topology and layout optimization to the design of buildings. Included will be examples as wide ranging as architectural cladding to the structural systems for tall buildings, to the layout of post-tension tendons. Topology and layout optimization are effective tools for exploring design options and can lead to innovative designs that are new, interesting and efficient. Optimization tools can be a source of inspiration for a design team to merge with other constraints in the creative process.