Physical Modelling for Architecture and Building Design

Dedication

To my closest family:

*Jens, Sofia and Nikola
Erling, Birte and Mette*

Physical Modelling for Architecture and Building Design

A design practice tool

Olga Popovic Larsen

Royal Danish Academy of Fine Arts (KADK)

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About the author

Olga Popovic Larsen, is a professor at the Royal Danish Academy of Fine Arts, Schools of Architecture, Design and Conservation, KADK, where, in the Institute for Architecture and Technology, she leads the education and research group for Structures and Materials. She is involved in teaching at BA, MA and PhD level at the school and is a frequently invited speaker to universities, conferences and events in Denmark and abroad.

Olga's research is cross-disciplinary and closely connected to practice, with projects exploring the crossover between aesthetics and structural or material efficiency. Olga has a strong interest in the innovative use of both traditional and new materials, such as wood and biocomposites, and technologies, seeking ways in which the artistic and technological can inform each other to create new objects, products, structures and buildings. Her explorations with minimal innovative structures include reciprocal frames, gridshells, tensegrities, investigating design and construction aspects. Olga's research is deeply rooted and supported by sustainable approaches, including design for disassembly, transformability, adaptability and reuse.

Most of Olga's work, both in practice, research and teaching, is developed and supported through physical models.

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