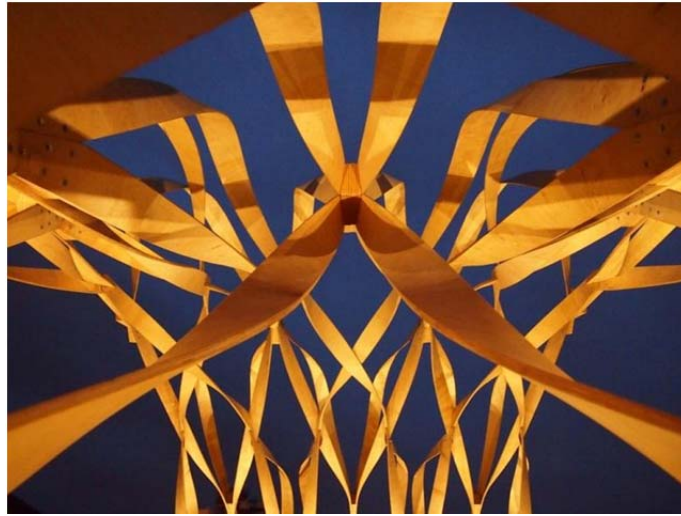


Radical Wood Pavilion Shanghai 2012



We will be focusing on a research and teaching project entitled *Radical Wood Pavilion Shanghai 2012* accomplished by *Design+Analysis Research Group* at Aalto University Department of Civil and Structural Engineering.

The targets of the project were the following: (1) serve as a prototype project for strengthening the research and teaching activities between the departments of engineering, architecture and design at our site university; (2) study and develop new technologies of computational structural engineering combined with parametric and algorithmic architecture and design — for wood construction, particularly; (3) design, analyse, manufacture and construct a wooden pavilion and its furniture reflecting the immersed multidisciplinary of the project team; (4) exploit both classical and modern design and analysis methodologies — combined with both classical and modern manufacturing technologies.

The project was related to *Radical Design Week Shanghai 2012*, one of the *World Design Capital Helsinki 2012* satellite events.

For curiosity, some other research activities of our department will be addressed in brief as well.

Jarkko Niiranen, postdoctoral research fellow and lecturer
Department of Civil and Structural Engineering
School of Engineering, Aalto University, Finland

