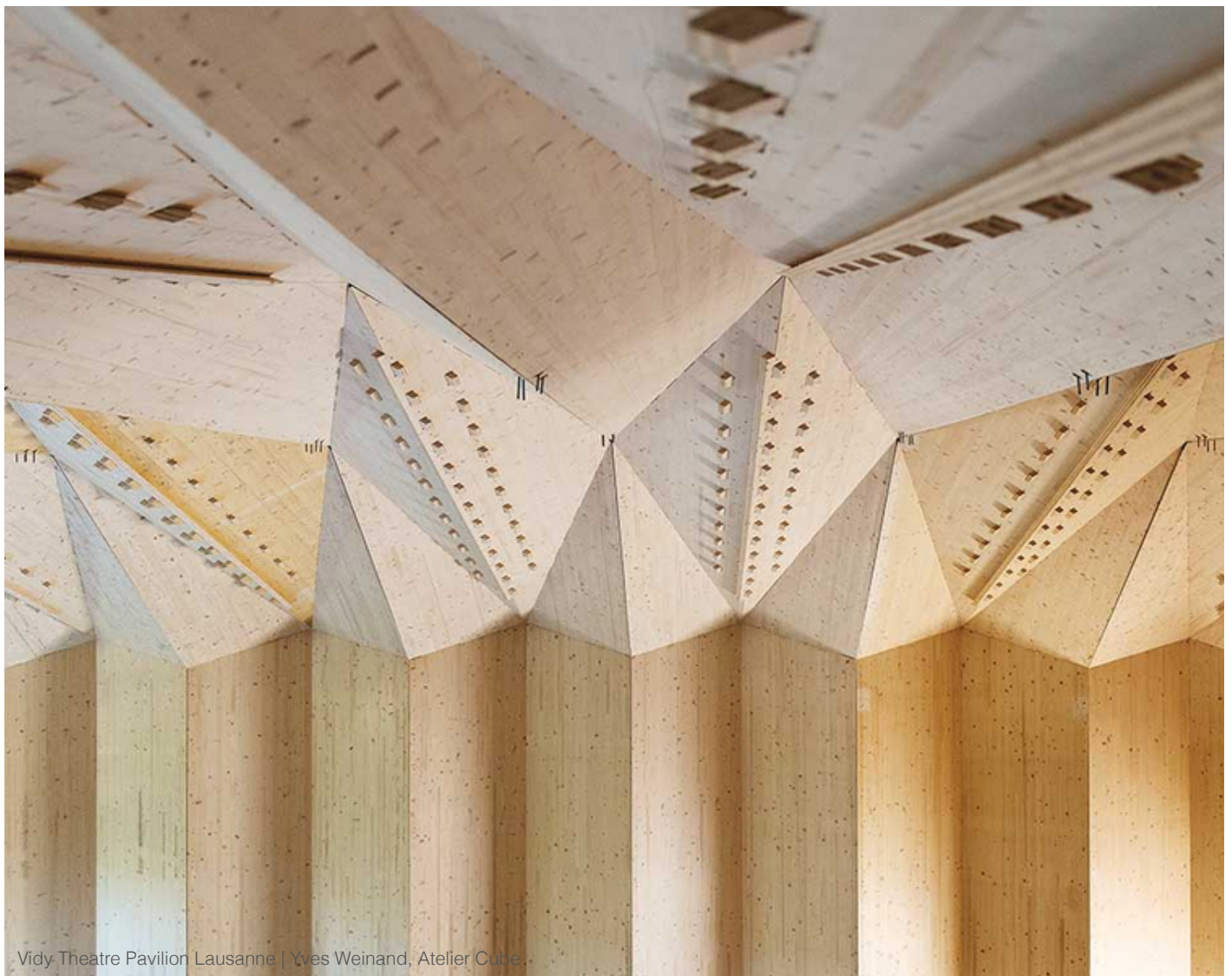


Tectonic Timber

Tectonics is defined as the art of using material and construction methods in such a way that they form an integral component of the design and actively help to shape it. The Greek word *tektōn* means carpenter, wood-worker, or builder, which indicates that historically, wood played a critical role for the understanding of buildings as such. Today, population growth, urbanization and climate change challenge us more than ever to develop visions for sustainable architecture. In that context, wood is of particular interest, as it is a renewable resource, relatively easy to process and has good structural, thermal and aesthetic properties. This course will explore the tectonic quality of timber buildings, looking at the unity of design, execution and material. Structural properties, construction systems and joinery will be studied in depth through lectures, hands-on exercises and small design projects.



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