The pavilion is a double-curved, parametrically designed segmental shell of light, single-curved wood and biocomposite elements supported by three curved crossed wooden beams. All elements can then be separated and reused to form various other designs and constellations. The holistic geometry of the shell resembles a 3D fabric in which the curved elements are connected with nodes in all directions in space. This allows us to express new aesthetic architectural features of the future made possible by the use of digital manufacturing technologies and data flow management.

This project is the result of 10 months of intensive work, which is based on several years of research in the field of the application of biobased materials and various concepts for a future-oriented sustainable architecture.

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Special Thanks: