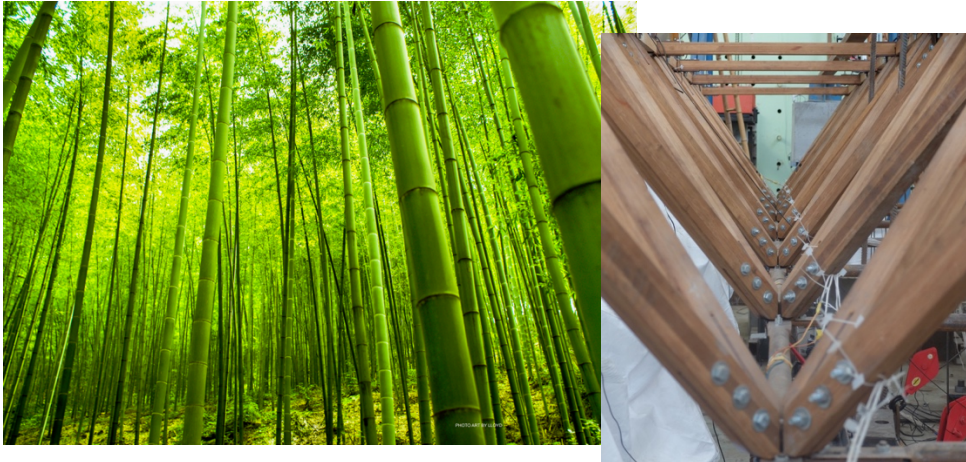


USE OF ENGINEERED BAMBOO IN CIVIL ENGINEERING APPLICATIONS



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With social progress and economic development, the demand and consumptions of conventional construction materials such as steel and concrete are at an unprecedented level throughout the world.

In this context, bamboo can be a valid alternative to classical wood construction material. Bamboo is a rapidly renewable material that has many applications in construction. Engineered bamboo products result from processing the raw bamboo culm into a laminated composite, similar to glue-laminated timber products. Countries in Asia and South America have made wide use of bamboo for the constructions and in the literature can be found a lot of Civil Engineering applications such as bridges, buildings and structures. Engineered bamboo products allow the material to be used in standardized sections and have less inherent variability than the natural material. The good properties of these materials lend themselves to their application in Civil Engineering.

In this seminar, an overview of the state of the art of the research on the use of engineered Bamboo in Civil Engineering applications will be given.

3 Aprile, 2019, ore 14.30,
Aula Trasporti, Viale del Risorgimento 2, Bologna.