

The first announcement of the 2nd International Symposium on Engineered Biomaterials and Structural Applications

The 2nd International Symposium on Engineered Biomaterials and Structural Applications will be held in Nanjing, China on Oct. 11-13, 2019. The objective of this symposium is to provide a platform for scholars and industry representatives from different countries to share their recent achievements on wood- and bamboo-based composites and their structural applications, and introduce these developments to local delegates from China.

It is well known that construction emission is a major source of environmental pollution on our planet. To address global warming and pollution, renewable and sustainable materials are strongly recommended by governments around the world, including China. As renewable construction materials, wood- and bamboo-based composites are becoming more attractive to construction industry. Hosting this event in China is timely since recently, the Chinese government resumes the wood housing project which was suspended for more than 30 years due to forestry protection. This provides a great opportunity and large market for innovative wood and bamboo products in China.

A series of invited presentations will cover the following topics:

- Development of innovative wood and bamboo composites
- Case studies - applications of wood and bamboo composites in buildings, transportation, and packaging
- Structural and fire performance of buildings constructed with wood and bamboo composites
- Design and analysis of wood and bamboo structural and transportation systems
- Measurement of mechanical and physical properties of wood and bamboo composites
- Codification and standardization of innovative wood and bamboo composites, and structural and transportation systems constructed with these innovative composites

Organizers

NorthFor Innovations, China

Nanjing Forestry University, China

University of Alberta, Canada

Collaborating organizations

University of New Brunswick, Canada

Southeast University, China

Sino-Canada Low Carbon Research Institute, China

ETH, Singapore