

Engineered Bamboo for Sustainable Construction Conference
Final Program
(May 17-19, 2022)

Day 1, Tuesday, May 17, 2022		
Topic: Products and Applications		
Co-chairs: Ian de la Roche, The University of British Columbia Kewei Liu, International Bamboo and Rattan Organization		
Time (PT)	Subject	Speaker
08:00-08:05	Welcome remarks	Susanne Lucas World Bamboo Organization Chunping Dai The University of British Columbia
08:05-08:30	Grow the future	Michael Ramage Cambridge University, UK
08:30-08:55	The driving role of architects in bamboo product innovations – the Moso experience	Pablo van der Lugt Technical University Delft The Netherlands
08:55-09:20	Standards & Regulatory routes for engineered bamboo as a building material	Y. H. Chui University of Alberta, Canada
09:20-09:45	Fiber Optimized Design – Engineering our way to a more sustainable future	Donald Davies Magnusson Klemencic Associates, USA
09:45-10:10	Building construction: From round bamboo to engineered bamboo	David Sands Bamboo Living/Rizome, USA
10:10-10:35	Changing the material and methods to address both climate change and global construction pain points	Hal Hinkle Bamcore, USA
10:35-11:00	Engineered Bamboo Products for the US Design and Building Market	Jeran Hammann Lamboo, USA
11:00-11:30	Panel discussion	All speakers

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<p align="center">Day 2, Wednesday, May 18, 2022 Topic: Research Co-chairs: Susanne Lucas, World Bamboo Organization Cherla Sastry, University of Toronto</p>		
Time (PT)	Subject	Speaker
08:00-08:25	Engineered bamboo: Processing routes towards sustainable building application	Chunping Dai The University of British Columbia Canada
08:25-08:50	Material Characterization for Engineered Bamboo Products	Kent Harries University of Pittsburgh, USA
08:50-09:15	Bamboo: This is the future	Neil Thomas Atelier One, UK
09:15-09:40	Engineered Bamboo Composite as a Construction Material: Opportunities and Challenges	Dongsheng Huang Nanjing Forestry University, China
09:40-10:05	Engineered bamboo as reinforcement for structural concrete	Alireza Javadian Karlsruhe Institute of Technology Germany
10:05-10:30	Fire performance of engineered bamboo	Mateo Gutierrez CLTP Tasmania, Australia
10:30-11:00	Panel discussion	All speakers

<p align="center">Day 3, Thursday, May 19, 2022 Topic: Carbon emission and circular economy Co-chairs: John Innes, The University of British Columbia Yiping Lou, Zhejiang Agriculture and Forestry University</p>		
Time (PT)	Subject	Speaker
08:00-08:25	Carbon stocks and footprints of bamboo products	Tingting Mei
08:25-08:50	LCA, EPD, GWP - what it all means, how do we get the information, how are they being used	Josh Jacobs WAP Sustainability Consulting, USA
08:50-09:15	Upgrading value chain of engineered bamboo in construction	B.N. Mohanty IPIRTI, India
09:15-09:40	Environmental savings potential from the use of bamboo in construction.	Edwin Zea Escamilla ETH-Zurich, Switzerland
09:40-10:05	LATAM Bamboo supply chains in the 2020s: Eco-regenerative industries, OR extractive economies?	Lucas Oshun Regeneration Field Institute, Ecuador
10:05-10:30	Prefabricated bamboo homes for everyone	Sol Rodriguez The University of British Columbia Canada
10:30-11:00	Panel discussion	All speakers