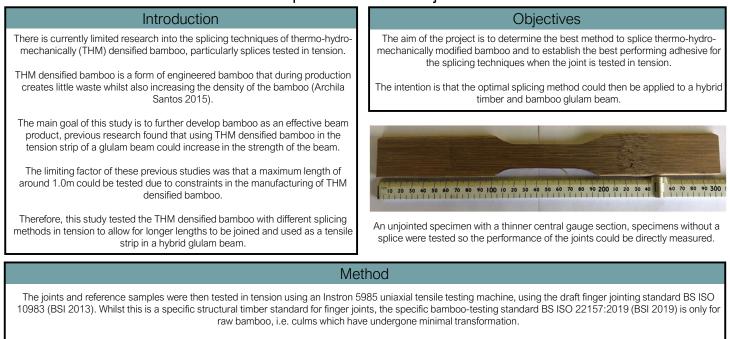
## Development of Bamboo-Timber Hybrid Beams

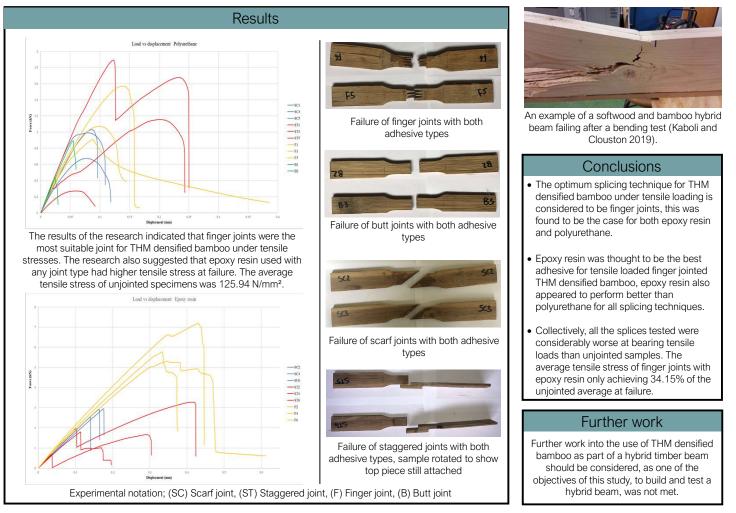
Splicing techniques of beams made from thermo-hydro-mechanically modified bamboo

## — Alex Goode

## Supervisor: Dr David Trujillo



THM strips have a rectangular cross section and have undergone significant transformation, which makes them more akin to timber, therefore all joints and reference samples were tested to the same BS ISO 10983 standard (BSI 2013) to ensure comparable results were obtained.



Archita Santos, F. (2015) Thermo-hydro-mechanically modified cross-taminated Guadua-bamboo panels. PhD thesis. Bath: University of Bath British Standards Institution (2013) Draft Timber - Iniger joint - minimum production requirements and testing methods. BS ISO 1098;2013. London: British Standards Institution British Standards Institution (2019) Bathoo structures — Determination of physical and mechanical properties of bamboo curss — Test methods. BS ISO 22157;2019. London: British Standards Institution Kaboli, H. and Clouston, L. P. (2019) Eastern Hemtock in Bamboo-Reinforced Gulari Journal of material civil engineering 31 (1)



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