Cross Laminated Timber: acoustic performance and BCA compliance

Date: **Wednesday, 24th August 2016**

Venue: **The Australian Hearing Hub, Macquarie University, North Ryde**
16 University Avenue (See Map at: http://hearinghub.edu.au/contact-us/)

On arrival, take the lift to Level 4 and follow the signs
Parking is available underneath the building on Level B2 (lower level)

Time: 6:00 pm for 6:30 pm start (refreshments prior to talk)

Speaker: Joel Parry-Jones, PKA Acoustics

RSVP: Thursday 18th August to Mattia Tabacchi by email
mattia.tabacchi@renzotonin.com.au
AAS members (and guests) are welcome to attend.

Cross Laminated Timber (CLT) is a modified timber building product in wide spread use internationally. While its use in Australia is currently not widespread, the potential of the product for using in dividing walls, floors and ceilings is increasingly evident, particularly for multi storey residential buildings.

Previous acoustic research programs of CLT have been conducted across Europe and in North America. The particulars, designed to meet local building codes, building practises and local materials, mean that it is not always possible to compare the results to the BCA's acoustic requirements.

PKA Acoustic Consulting (PKA) was commissioned to conduct and coordinate a research program into the acoustic performance of CLT products. The test program successfully identified various wall and floor/ceiling system configurations that achieve compliance with the BCA.

Joel Parry-Jones is an associate of PKA Acoustic Consulting. Since 2004 he has worked alongside Peter Knowland who has pioneered acoustics in Sydney over the last 50 years. Joel's expertise is in building acoustics, specifically acoustic predictions of building elements. He is the key personnel behind the CSR Gyprock Redbook acoustic predictions as well as other CSR products such as Hebel, AFS, Bradford and Martini insulation. Joel has provided acoustic advice in developing products for companies such as Brickworks, Lorient, Kilargo, Harpro, Studco, Poly-Tek, Strammit, Ritek, and UBIQ