Fax registration +43 (0) 316 / 873-4619

Herewith I registerate .......... person(s) for

□ day 1
□ day 2
□ day 1+2

(please mark applicable parts)

COST Action FP1004
Focus Solid Timber Solutions – European Conference on Cross Laminated Timber (CLT)

Name, Company and Address

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Name(s) of further Participant(s)

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Date                                    Signature

AVISO!

Grazer Holzbau-Fachtagung 2013 (10.GraHFT’13)
series of lectures with the topic
“Bionic Supporting Structures in Timber Engineering”

Friday, September 27th 2013

Subject to modifications!

Recent Activities (at Graz University of Technology)
EU Project SERIES
Shaking Table Tests on a three Storey CLT Building

Registration

Registration by E-Mail or by Fax till May 13th 2013

Non-COST FP1004 Delegates:
day 1: € 250,- (students € 50,-)
day 2: € 100,- (students € 25,-)
day 1+2: € 300,- (students € 75,-)

Cancellation till May 13th 2013 is free, then 50% of the participation fee will be invoiced.

Participation fee includes the conference proceeding (except for students) as well as meals and drinks during the conference.

Bank Details

Account Number: 51656 101 881
Bank Code: 12000
IBAN: AT70 1200 0516 5610 1881
BIC: BKAUATWW

Contact

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Administration
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Graz University of Technology
Institute of Timber Engineering and Wood Technology
A-8010 Graz, Inffeldgasse 24/1

EU Project SERIES
Shaking Table Tests on a three Storey CLT Building

APPs for CLT Design
Motivation

The orthotropic properties of timber are well known – strong and stable along the grain, weak and susceptible to movement across the grain. By placing laminations across the grain, Cross Laminated Timber uses this anisotropy to advantage, enhancing the mechanical properties of wood, by using wood. This elegant solution has led to Cross Laminated Timber being the most significant recent innovation in timber engineering. It has opened the potential for new construction types, including tall timber buildings. Through their work at TU Graz, Professor Gerhard Schickhofer and his team continue to lead the world in research in the field.

COST Action FP1004, “Enhance mechanical properties of timber, engineered wood products and timber structures” provides a network for learning and development in a range of connected topics, which includes Cross Laminated Timber. This conference, with its proceedings, will record the State-of-the-Art of Cross Laminated Timber and its use. In working with TU Graz to host this Conference, the COST Action is able to bring researchers together, from around the world to learn about Cross Laminated Timber and its applications, as well as to partake in discussions about future research and development.

The structure of this conference is based around the material and its use. The topics move from manufacture, through design to application, what are the threats faced by CLT? What are the opportunities? The culture of COST Action FP1010 is to encourage involvement of delegates and the Day 1 programme includes time for debate and discussion between delegates and the expert speakers. The conference starts, where all engineering studies should start, with an analysis of the material. What is the State-of-the-Art in manufacturing this material? How can manufacture be applied to more species, to low-cost production from wood available locally to its use? How are the engineering properties of the manufactured product predicted and assured? The conference will then move on to design and construction. Presentations on the implementation of Ultimate Limit State, and Serviceability Limit States, methods for reinforcing against local high stresses with screws and the design of connections will provide the latest knowledge.

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