



Education and Culture

Leonardo da Vinci

TEMTIS Seminar in Horsens

“Consequences of Eurocode 5 for the European practice in Timber Engineering”

Date: Sept 11, 2008

Meeting place: VIA University College, Chr. M. Østergaards Vej 4, 8700 Horsens, Auditorium A.

Programme

9:00 Coffee/tee and sign in for the Seminar

9:30 Welcome and today's schedule by Anders Søvst Hansen, VIA University College

9:35 Danish best practice with a focus on connections by Jørgen Munch-Andersen, Danish Timber Information

A study of the load bearing capacity of the most frequently used nails and screws has revealed that the capacity in almost all cases are smaller with EC 5. Examples are given of connections that cannot meet the requirements of EC 5, even though the practical experience is absolutely satisfying.

10:00 A New proposal of The Design Rules in EC 5 for Compression Perpendicular to the Grain by H. J. Larsen

By using EC 5 many details in traditional timber structures, e.g. timber frame houses will no longer be acceptable. The study of the new proposal shows that it will give better results.

10:25 Break

10:45 European standardization and the Czech practice

by Petr Kuklík, Czech Technical University of Prague

11:10 A Design model of shear wall elements with plaster boards and Slovenian practice by Miroslav Premrov, University of Maribor

The Eurocode methods are usually unsuitable for the walls sheathed with fibre-paster boards. The study and test for a design model will be presented.



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11:35 The Leonard da Vinci Project - Educational Materials for Designing and Testing of Timber Structures - TEMTIS by Alois Materna, Technical University of Ostrava, Czech Republic

11:50 Discussion

12:00 Lunch in the University Canteen

13:00 CE marking of Connectors and Fasteners used in timber structures by Jørn Ipsen, Simpson Strong-Tie A/S.

Documentation of the products according to an ETA Guideline or according to Harmonized European Standards. Gains and difficulties seen from a manufacturers point of view.

13:25 Cross laminated timber and the Austrian practice by Manfred Augustin, Graz University of Technology.

13:50 Break

14:05 The effect of Eurocode 5 on timber structure design in Norway by Kolbein Bell, Norwegian University of Science and Technology

14:30 Discussion

15:00 Closure of the seminar

(15:00 - 16:00 Short guided tour at VIA University College, Campus Horsens.)

The power point presentations will after the seminar be uploaded to the Temtis projects homepage.

<http://fast10.vsb.cz/temtis/en/> - then go to products - go to country seminar in Denmark - go to power point presentations.