



COST Action FP1006

“Bringing new functions to wood through surface modification”

<http://cost-fp1006.fh-salzburg.ac.at>

3rd workshop: *Process and Service life modelling*

Ghent, 17-19 April 2013

Venue: Het Pand, Ghent University, Onderbergen 1, 9000 Ghent – Belgium

Organised jointly by Ghent University (UGent – Woodlab) and CTIB-TCHN

Workshop objectives

Focus of this workshop is on activities related to Working Group 3 “Process and Service life modelling”.

The following topics will be addressed:

- (1) Understanding the impact of different environmental conditions on the quality of the material to enable the prediction of service life and products performance.
- (2) Development of adequate models for description of the changes in material properties under various processes and conditions.
- (3) The existing dose-response functions used for (treated) materials should be discussed and eventually altered to comply with the modified material properties.

Key words that can be used for papers/presentations

Service life prediction, Dose-response functions, Experimental validation of models, Numerical simulation of material changes during ageing, Virtual processing, Quality assessment methods

Language

The meeting language will be English.

Call for papers

You are kindly invited to submit an extended abstract (1-2 pages) based on the template and related to the topics of the workshop by **February 22nd 2013**.

Authors will be informed on the selection of the submitted paper (oral presentation or poster) no later than March 5th 2013.

Please send the abstracts to

Prof. Joris Van Acker (Joris.VanAcker@UGent.be)

and dr. Jan Van den Bulcke (Jan.VandenBulcke@UGent.be)

Proposed schedule

Tuesday April 16, 2013 -optional

Afternoon: Excursion (modification plant and related building projects)

This excursion is provided for the participants in the training school (all included). A limited number (30-35) of the workshop participants can also join this excursion. Please indicate on the registration form if you are willing to participate. We will leave around 12.30 from Ghent! Take that into account in your travel arrangements.

(An additional fee may be charged (max 20€) if dinner is included in the excursion.)

Wednesday April 17, 2013

Morning: Workshop session 1

Afternoon: Workshop session 2, collaboration with project DO-IT HOUTBOUW

Workshop Dinner

Thursday April 18, 2013

Morning: Workshop session 3

Afternoon: Workshop session 4

Friday April 19, 2013

Morning: WG meetings and MC

Afternoon: Travel

Workshop venue

The venue for the workshop will be 'Het Pand', Onderbergen 1, 9000 Gent. The main meeting room is called 'Rector Vermeylen' and just next to that room part of the 'Kloostergang' will be used for coffee and catering. For the morning of April 19th 2 additional rooms 'Priorzaal' and 'Zaal Rector Gillis' are available for WG meetings.

Ghent is easy to access from Brussels airport using public transport (train, tramway). Extra information is provided in a separate file.

Registration fee

Participants are asked for a moderate fee for covering the cost of lunches, coffee, dinner banquet and book of abstracts.

€ 150 for academics, delegates from institutions and industry.

€ 100 for PhD students.

The fee covers the cost of coffee, lunches, dinner banquet and abstract book.

Payment: Cash at the registration desk in Euro.

Registration

To register fill the registration form and send it to

Prof. Joris Van Acker (Joris.VanAcker@UGent.be)

and dr. Jan Van den Bulcke (Jan.VandenBulcke@UGent.be)

Please register by 8th April 2013 at the latest

Accommodation

A list of selected hotels is available in a separate file.

Participants are asked to make their hotel reservation directly.