



### First Announcement

## Final Cost Action FP0904 Conference

*“Recent Advances in the Field of TH and THM Wood Treatment”*

**May 19-21, 2014, Skellefteå, Sweden**

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The Final International Cost Action Conference will be held in Skellefteå, Sweden; from May 19 to May 21. The objectives of this conference are to present and discuss the state-of-the-art of Thermo-Hydrous (TH) and Thermo-Hydro-Mechanical (THM) wood treatment in open and closed systems and the challenges faced in wood characterization for scaling-up from laboratory to full industrial production, through a discussion of the latest research results and new ideas.

The key objective of this Final Action FP0904 Conference is to present the main results of the Action, to summarise the scientific progress achieved and formulate open questions and further challenges. This conference will also include an evaluation session with representatives of COST and Action Management Committee members.

The conference will provide a forum and an opportunity for experts and young researchers from worldwide academia and industry to present their latest research, exchanging and developing new ideas within the field of Thermo-Hydrous (TH) and Thermo-Hydro-Mechanical (THM) wood treatment.



## Topics

Combining wood, a renewable resource, using a processing technique with low environmental impact to achieve a new high quality material is highly desirable. Thermo-Hydrous (TH) and Thermo-Hydro-Mechanical (THM) treatments are increasing in popularity not only at a research level but also at a commercial level across Europe and worldwide. The range of applications associated with these processing tools is considerable, including heat treatment, welding of wood, wood moulding, densification, bending, profiling, artificial ageing surface densification and composite wood panel construction.

In view of this, we would be pleased to receive **extended abstracts** from interested authors relevant to the conference theme “Recent Advances in the Field of TH and THM Wood Treatment” on the following topics:

- Thermo-Hydro-Mechanical (THM) and Thermo-Hydrous (TH) wood treatment in open and closed systems.
- Innovation and the development of new products.
- Improvements in the scaling-up of research findings to full industrial production, and market applications of TH-and THM-treated wood.

## Congress Venue

The congress will take place at the Luleå University of Technology, Division of Wood Science and Engineering, in Skellefteå, which has a great tradition in Higher Education and Research. Skellefteå is a small town with about 36.000 inhabitants in the northern part of Sweden, 750 km north of Stockholm and 140 km south of the main campus of the university in Luleå. Campus Skellefteå is easily accessible from Stockholm (Arlanda airport) by plane (1.5 hours).

*Please note that the flight destination is Skellefteå.*

## Conference Site

Forumsalen at LTU Skellefteå Campus.

## Post-conference tour

A 1-2 day post-conference tour with different unique activities is being planned. All details concerning the post-conference tour will be announced on the Action website

[www.cost-fp0904.ahb.bfh.ch](http://www.cost-fp0904.ahb.bfh.ch)



## Scientific Committee

Parviz Navi: **Action Chair** (Bern University of Applied Sciences, Switzerland)

Dennis Jones: **Deputy-Chair** (SP Technical Research Institute of Sweden)

George Jeronimidis: **STSM Manager** (Reading University, United Kingdom)

Mark Hughes: **WG1 Leader** (Aalto University, Finland)

Mathieu Petrissans: **WG1 Deputy leader** (University Nancy 2, France)

Lennart Salmen: **WG2 Leader** (Innventia Stockholm, Sweden)

Joseph Gril: **WG2 Deputy leader** (University Montpellier 2, France)

Peer Haller: **WG3 Leader** (Technische Universität Dresden, Germany)

Christelle Ganne-Chedeville: **WG3 Deputy leader** (Bern University of Applied Sciences, Switzerland)

Mojgan Vaziri, Dick Sandberg: **local organizer** (Luleå University of Technology, Sweden).

## Local Organisation

The conference will be organised in Skellefteå Sweden ([www.cost-fp0904.ahb.bfh.ch](http://www.cost-fp0904.ahb.bfh.ch)) in two and half days of sessions from May 19 noon to May 21, 2014. Prof. Dick Sandberg and Dr. Mojgan Vaziri will be in charge of the local organisation.

## Accommodation and travel

Participants will be asked to pay a moderate fee to cover the cost of lunches and coffee break. There will be many hotels of different categories available close to the venue and within the city centre. Further details will be regularly updated on the Action website [www.cost-fp0904.ahb.bfh.ch](http://www.cost-fp0904.ahb.bfh.ch). Fees for conference delegates and accompanying persons will be announced on the website as soon as possible.

## Call for Abstracts

An extended abstract (1-2 pages) relevant to the topics of the conference should be submitted by email to the Local Organiser ([mojgan.vaziri@ltu.se](mailto:mojgan.vaziri@ltu.se)) no later than February 1, 2014. Abstracts must be written according to the template given on the action website. The abstracts



**Action FP0904**



**Thermo-Hydro-Mechanical Wood Behaviour and Processing**

will be published in the "book of abstracts" and will be ready for distribution on the first day of the conference.

The official language of the conference will be English.

## **Important Deadlines**

November 15, 2013	The second announcement with more detailed information
February 1, 2014	Dead line to send final title and abstract for peer-review
March 1, 2014	Information via e-mail of decision of acceptance of papers/posters
April 1, 2014	Registration deadline
May 19-21, 2014	The International Cost Action Conference

## **Contacts**

More detailed information will be accessible soon on the Action website at [www.cost-fp0904.ahb.bfh.ch](http://www.cost-fp0904.ahb.bfh.ch)

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We hope to meet you all in Skellefteå next year.