

GERARDMER - FRANCE
23-26 septembre **2014**

5th Forest Engineering Conference



2nd call for papers

5th Forest Engineering Conference

together with the

47th International Symposium on Forestry Mechanisation

“Forest engineering: propelling the forest value chain”

September 23-26, 2014 in Gerardmer, France

5th Forest Engineering Conference

Second call for papers

FCBA, the French technology institute for forestry, cellulose, wood construction and furniture, will host the **5th Forest Engineering Conference (FEC)** together with the **47th International Symposium on Forestry Mechanisation (FORMEC)**.

The conference will take place on **September 23-26, 2014 in Gerardmer, France** under the general theme "**Forest engineering: propelling the forest value chain**".

Inspired by successful FEC and FORMEC past editions, this major international event will grant forest researchers and practitioners one of the best opportunities to meet, and share for 3 days their experience, knowledge and emerging ideas.

Two days of indoor technical sessions will be completed with a full day of field demonstrations in the local mixed sub-mountainous forests. Your contributions are expected !

Topics for presentations and posters

The conference themes have been defined in close cooperation with the Precision Forestry Committee, so that both up-coming events will complete each other, in 2014.

1. Managing interactions between logging operations and forest ecosystems services

Minimising site disturbance (soil compaction, water, air, fauna...), maintaining soil fertility (e.g. ash), logging and biodiversity...

2. Answering specific challenges in harvesting technologies and working methods

Low value biomass for energy supply, steep terrain, swamp, short rotation coppice, ecoefficient technologies, harvesting products of higher quality ...

3. Being innovative in transportation solutions and logistics

New concepts of machinery, multi modal solutions, road re-engineering, regulation framework evolution...

4. Better working conditions and educational programs

Safety, ergonomics, competence management, education and vocational training, attracting new workers...

5. Organisational innovations and other strategies for a better planning and monitoring of forest operations in specific contexts

Small or inactive private forest ownership, natural hazard or economical crisis, bio-energy chains emergence, transition from motor-manual to mechanized logging systems...

6. Implementing Precision Forestry concepts for improved wood-supply-chains

Demonstration or application case description.

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Selection and publication of the presentations

Both scientists and practitioners, as well as students, are invited to submit abstracts in connection to the themes of the conference **before December 31th, 2013**. Selection will be done by the FEC-FORMEC 2014 technical committee.

Three types of publications are encouraged, all to be gathered in final proceedings:

1. **Peer-reviewed scientific papers**, also to be published either in the International Journal of Forest Engineering (IJFE) or in the Croatian Journal of Forest Engineering (CROJFE);
2. **Full manuscripts**, for papers with scientific content;
3. **Extended abstracts**, for posters, practitioners' testimonials on specific experiences or products, or impacts of past research results successfully transferred to field operations.

Template and guideline for Abstracts

Abstracts should be submitted online at <http://formec.boku.ac.at/authors.html> in accordance to the following template and the authors should announce the type of publication they would like to submit for later proceedings if their abstract is accepted.

Title (font Arial 11pt, bold, centered)

Authors and respective affiliations (font Arial 11pt, bold, centered)

Abstract: **max 250 words**

The text (font Arial 10pt, justified) should state the problematic, either researched or solved, and refer to material and methods. Through the presentation of the main results or in the conclusion, the author(s) should clearly mention the implementation of these results into professional practices, e.g. how mature a given technology, technique or decision-making tool is.

Keywords (font Arial 10pt, justified) : maximum 10

Conference theme(s) addressed by the paper :

Foreseen type of publication if the abstract is selected:

- Peer-reviewed scientific paper
- Full manuscript
- Extended abstract

As soon as authors have received feedback on their submitted abstract, templates and guidelines for the different types of publications will be available on the conference website.

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Important dates

Authors should pay attention to the following deadlines:

Abstracts submission	December 31st, 2013
Feedback from technical committee	February 15 th , 2014
Full paper submission	May 15 th , 2014

NB : Registration to the conference will be open from October 2013 until July 31st 2014 and early birds rates will apply until **March 15th 2014**.

FEC-FORMEC 2014 technical committee

Maryse Bigot, ONF, France.
Karl Stampfer, BOKU, Austria
Pierre Ackerman, Stellenbosch Univ., South Africa
Jean-Francois Gingras, FP Innovations, Canada
Hans Heinemann, ETHZ, Switzerland
Raffaele Cavalli, University of Padova, Italia
Mark Brown, USC and AFORA, Australia
Ola Lindroos, SLU, Sweden
Fernando Seixas, ESALQ, Brazil

Bruce Talbo, Skogoglandskap, Norway
Antti Asikainen, METLA, Finland
Jori Uusitalo, METLA, Finland
Bo Dahlin, University of Helsinki, Finland
Magnus Thor, Skogforsk, Sweden
Rien Visser, Canterbury University, New-Zealand
Loren Kellogg, Oregon State University, USA
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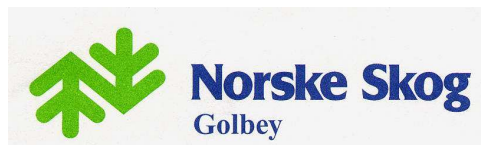
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Partners :

FCBA is proud to count on its professional partners, Office National des Forêts, Norske Skog Golbey and the forest cooperative Forêt et Bois de l'Est for the organization of this major conference.



The conference is also organised in partnership with the International Union of Forest Research Organisations (IUFRO) and its Division 3 (Forest Operations Engineering and Management).

