



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

**5<sup>th</sup> Forest Engineering Conference**



## **Guidelines for authors**

### **5<sup>th</sup> 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**

# FEC – FORMEC - 2014

## Guidelines for authors

FCBA, the French technology institute for forestry, cellulose, wood construction and furniture,  
will host the **5<sup>th</sup> Forest Engineering Conference (FEC)** together with the  
**47<sup>th</sup> 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”**.

We would like to thank you for your participation in the conference. In this document, we've included some simple guidelines to ensure that the sessions run smoothly and the poster displays get maximum visibility during the 3 days. Please pay close attention to these and be sure to respect the deadline indicated in the present document.

	Tuesday September 23.	Wednesday September 24.	Thursday September 25.	Friday September 26.
<b>Start at 08:00</b>		Welcome & Keynote addresses	Field trip  (lunch included)	Welcome again & Keynote addresses
		break		Break & POSTER session n°2
		3 Parallel sessions (A)		3 Parallel sessions (D)
		Lunch		Lunch
		3 Parallel sessions (B)		3 Parallel sessions (E)
	Registration whenever you arrive...	Break & POSTER session n°1		Break
	Pre-conference event INFRES Workshop (open to all)	3 Parallel sessions (C)		3 Parallel sessions (F)
From 18:30	Ice-breaking reception			wrap up and conclusions
From 19:30	free evening	Conference dinner		GALA Dinner
				<b>End at 19:00</b>

(v1)

# FEC – FORMEC - 2014

## Guidelines for authors

### Contributions from the international forest engineering community

The call for paper announced six major themes for the 5<sup>th</sup> Forest Engineering Conference and the answers from the international community of researchers and practitioners brought the organisation committee to elaborate the program with 18 parallel sessions (for oral presentations) completed with 2 collective poster sessions.

#### **1. Managing interactions between logging operations and forest ecosystems services**

- *Trafficability practices and understanding of forest soil characteristics*
- *Forest operations: environmental concerns and natural hazards*
- *Forest roads and environment*

#### **2. Answering specific challenges in harvesting technologies and working methods**

- *Innovation-driven developments in harvesters and forwarders*
- *Logging in steep terrain*
- *From traditional to automated work studies*
- *Harvesting technics and working methods for biomass mobilization*
- *Fuelwood quality and moisture content management*

#### **3. Being innovative in transportation solutions and logistics**

- *Measuring and tagging logs along the supply chain*
- *Wood supply chain management and decision support tools*

#### **4. Better working conditions and educational programs**

- *Workforce training and skills developments*
- *Contractors and durable business*
- *Ergonomics and Man-Machine co-developments*

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

- *Looking for efficient bioenergy supply chains*

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

- *Operational uses of remote sensing technologies for logging operatio*

# FEC – FORMEC - 2014

## Guidelines for authors

### General information about the ORAL presentations

- ✓ Each parallel session is scheduled to last 2 hours during which a period of 15 minutes is provided for your presentation. Please limit yourself to this time to ensure that the program remains on schedule and to respect other speakers' time. Your presentation will be followed by a 5-minute question period.
- ✓ Presentations are to be PowerPoint.
- ✓ We expect an attendance ranging between 200 and 250 people, divided between three meeting rooms, so please provide visual material that will be easily visible at a distance of up to 15 m. Here are some suggestions:
  - Visuals should be easy to read even at the back of the room.
  - Test that your text is readable by standing at least 15 m from the screen.
  - We recommend the following when preparing your slides for maximum clarity:
    - no more than six lines of six words each per screen
    - headings at least 44-point type
    - text at least 32-point type
    - use a font such as Arial for titles
    - avoid all capital letters
    - emphasize the main points or major headings with boldface type
    - use at most two fonts (one for headings and one for text)
    - use only two colors (ideally colors with high contrast, such as white text on a blue background or yellow text on a dark green background). Avoid using red in your text and graphics.
  - Each slide should address only one main topic.
- ✓ Please also send us a brief biographical outline so that the host of each session can introduce you to the audience. The outline should be no more than 100 words and include information such as your current employer and position, as well as a quick summary of your related experience. Please use the attached form to complete your biographical information and please return prior to September 1, 2014.

In addition to presenting your results at the conference, you shall submit a written publication in accordance to the principles listed in the following paragraphs.

### General information about POSTER presentations

About 80 authors have been invited to present their work and results as a poster. For this purpose 2 collective poster sessions are planned in the program, with time and space arrangements to guarantee the posters' visibility and accessibility for all congressists.

The posters will be organised in relevant groups in order to bring additional light on the conference themes, as complement and in parallel to the oral presentations.

# FEC – FORMEC - 2014

## Guidelines for authors

For the POSTER Display we kindly ask you to take the following principles into account in the preparation of your poster:

1. A poster is a graphically based approach to present research results. Therefore, limit the text to about one-fourth of the poster space, and use "visuals" (graphs, photographs, schematics, maps, etc.) to present your findings.
2. The entire poster must fit within a A0 rectangular area of 841mm x 1189 mm. The poster does not necessarily have to fill the entire working area.
3. The board must be oriented in the "portrait" position (long dimension is vertical).
4. A banner displaying your poster title, name and department should be positioned at top of the board.
5. A picture should help the interested readers to identify you in the crowd of congressists
6. Make it obvious to the viewer how to progressively view the poster. The poster generally should read from left to right, and top to bottom. Numbering the individuals panels or connecting them with arrows is a good technique
7. Leave some open space in the design. An open layout is less tiring to the eye and mind.
8. Text should be readable from 1.5 m away. Use a minimum font size of 18 points.
9. Lettering for the title should be large (at least 70-point font).
10. Poster boards will be made of Velcro-compatible fabric. We will provide Velcro tape to be placed in behind your panels for easy hook-up and positioning of your material onto the poster boards.

In addition to bringing your poster at the conference, you shall submit an extended abstract in accordance to the principles listed in the following paragraphs.

### Publications from presenting authors

Three types of publications will be gathered in final proceedings:

1. Full manuscripts, for papers with scientific content;
2. Extended abstracts, for posters, practitioners' testimonials on specific experiences or products, or impacts of past research results successfully transferred to field operations;
3. 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). NB: This option is only open to candidates selected for oral presentation during the conference.

Please pay close attention to the following guidelines for written contributions and be sure to respect the deadline indicated in the present document.

# FEC – FORMEC - 2014

## Guidelines for authors

### Full manuscripts : specific information

Should you chose to submit a full manuscript, you will be asked to take the following principles into account:

1. In general, keep the text as concise as possible. Short texts are easier to read and cheaper to reproduce.
2. Focus on **results** rather than on methodology and if relevant put an emphasis on transferability and adoption by the industry and forest engineering practitioners.
3. Papers including tables, graphs or pictures should take up no more than 8 printed pages.
4. Within the text, include each non-textual item (table or picture), along with a descriptive caption above it.
5. Provide the manuscript's title and the name(s) of the author(s) at the beginning of the text file, together with authors' affiliation and contact details..
6. All text should be written using Arial (11)
7. Include an informative abstract labeled "Summary" (250 words maximum) summarizing the main findings of the work. You can of course use your original abstract for that purpose.
8. The work must be written well in English and prepared using a computer word processor that is integrable with Microsoft Word. Paper size should be A4 (210 mm x 297 mm) and margins on all sides must be 2,50 cm. Each page of the paper must be numbered in the lower right corner.
9. Do not use footnotes. Instead, use author-date citations within the text, and provide a complete list of works cited at the end of the document (labeled "References").
10. Only electronic files containing the text of your manuscript will be accepted. Paper manuscripts will not be accepted.
11. Submit the file online through the FORMEC portal <http://formec.boku.ac.at/authors.html> by June 15, 2014.

### Extended abstracts : specific information

Should you chose to submit an extended abstract, you will be asked to meet the above-mentioned principles and to add the following ones:

1. Extended abstracts including tables, graphs or pictures should take up no more than 3 printed pages.
2. Focus on results and put an emphasis on transferability and adoption by the industry especially if you are providing a practitioners' testimonials on specific experiences or products, or if you can highlight impacts of current or past research results successfully transferred to field operations.

Please note that if you fail to submit any written contribution by June 15, 2014, the organizing committee will only include your initial abstract in the proceedings.

# FEC – FORMEC - 2014 Guidelines for authors

## Important dates

Congressists should pay attention to the following deadlines:

Early birds and student rates for registration	March 31 <sup>st</sup> , 2014
Full paper submission for candidates to peer-review publication *	April 30 <sup>th</sup> , 2014
<b>Extended abstracts and full paper submission</b>	<b>July 5<sup>th</sup>, 2014</b>
Registration	August 31 <sup>st</sup> , 2014

Registration is open and [accessible online on the conference website](#). Moreover, assistance is available for the booking of local hotels at a walking distance from the conference centre. Please use the [dedicated form](#) (also available on the conference website) and follow the described procedure if you wish to start arranging your travel to Gerardmer. The “first come first served principle” applies and early booking is recommended!

\* Authors submitting their paper to one of the partner journals as candidate for peer-reviewed publication shall follow instructions from either the Croatian Journal of Forest Engineering (CROJFE) or the International Journal of Forest Engineering (IJFE). You are free to switch back to the “full paper” submission if a publication through the journals is not possible for you anymore.

## FEC-FORMEC 2014 technical committee

Maryse Bigot, ONF, France.	Bruce Talbot, Skog og landskap, Norway
Karl Stampfer, BOKU, Austria	Antti Asikainen, METLA, Finland
Pierre Ackerman, Stellenbosch Univ., South Africa	Jori Uusitalo, METLA, Finland
Jean-Francois Gingras, FP Innovations, Canada	Bo Dahlin, University of Helsinki, Finland
Hans Heinimann, ETHZ, Switzerland	Magnus Thor, Skogforsk, Sweden
Raffaele Cavalli, University of Padova, Italia	Rien Visser, Canterbury University, New-Zealand
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# FEC – FORMEC - 2014

## Author information

### Partners :

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



The conference benefits from a fruitful partnership with the two major scientific journals in the domain of forest engineering. Authors selected for oral presentation at FEC-FORMEC-2014 can propose their paper to be peer-reviewed and published in either the Croatian Journal of Forest Engineering ([CROJFE](#)) or the International Journal of Forest Engineering ([IJFE](#)).



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](#)).





# FEC – FORMEC - 2014

## Author information

### Financial partners :

FCBA is thankful of the support of the financial partners of the conference, namely the French ministry for agriculture and forestry ([MAAF](#)), the French Environment and Energy Management Agency ([ADEME](#)), the commissariat de massif Vosges and the association of French Paper Industries ([COPACEL](#))



MASSIF DES VOSGES



# COPACEL

Union Française des Industries des Cartons, Papiers et Celluloses

The conference is also supported by a grant overseen by the French National Research Agency (ANR) as part of the "Investissements d'Avenir" program ([ANR-11-LABX-0002-01, Lab of Excellence ARBRE](#))



### Sponsors :



# FEC – FORMEC - 2014

## Author information

Session:

Identify yourself:

Title of your presentation:

A picture should help the organizers and the session moderator to identify you in the crowd of congressists. Please insert one in the present document.

Biographical information:

(The outline should be no more than 150 words and include information such as your current employer and position, as well as a quick summary of your related experience)

I, the undersigned, authorize FCBA to distribute/publish my presentation through the FEC website and proceedings to all the conference participants.

Please return this form to FCBA by e-mail [fec2014@fcb.fr](mailto:fec2014@fcb.fr) before **September 1, 2014**

Print name: \_\_\_\_\_

Signature: \_\_\_\_\_

Date: \_\_\_\_\_