



**The Combustion Institute**

**21<sup>ST</sup> "JOURNEES D'ETUDES"  
of the Belgian Section**

**SELECTED TOPICS IN COMBUSTION**

**May 10-11, 2010**

**ORGANISED BY**



**University of Liège - ULg  
Faculty of Applied Sciences  
Department of Aerospace & Mechanical Engineering  
Thermodynamics Laboratory - Thermotechnics  
Chemin des Chevreuils, 7 (Bât. B49)  
B-4000 LIEGE 1 - Belgium  
<http://www.labothonap.ulg.ac.be>**

Organising committee:

Prof. Philippe Ngendakumana  
Danielle Makaire  
Kévin Sartor  
Nicole Fraiture

## **COMBUSTION INSTITUTE**

The Combustion Institute is an educational non-profit, international, scientific society for promotion and dissemination of research in combustion science. Members play an active role in planning the events held by the Combustion Institute and in arranging for publishing its volumes and journal.

The International Symposium on Combustion is the main activity of The Combustion Institute. The next meeting is the 33<sup>rd</sup> Symposium, to be held in 2010 (August 1-6), in Beijing (Tsinghua University), China. The biennial symposium attracts members of The Combustion Institute as well as other researchers from around the world, interested in combustion. The synergism produced at this symposium has made it the principal forum for presenting and integrating combustion research results. Members are also responsible for publishing the proceedings of the International Symposium and the monthly journal, *Combustion and Flame*. These volumes provide a unique collection of research data.

## **BELGIAN SECTION**

The Belgian section of the Combustion Institute is made up of about 30 members. Every two years, a national two-days meeting is organized, called 'Journées d'Etudes'. The language of the meeting is English. The best paper, presented by a young researcher at that meeting, is selected by a scientific expert committee in the field of combustion and the researcher wins the 'Adolphe Van Tiggelen Award'. The chairman of the section is Prof. Bart Merci (University of Gent).

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## **SCOPE OF THE MEETING**

The meeting is organised under the auspices of the Belgian section. Its objectives include both fundamental research and industrial applications relevant to combustion processes. The purpose is to have an overview of the most recent research efforts in the combustion field and to provide opportunities for scientists and engineers to establish collaboration.

Any topic relevant to either fundamental or applied research in combustion is welcome. The scope of the seminar "Selected topics in combustion" will deal with a wide range of subjects related to reaction mechanisms, heat transfer, furnaces and burners, flame structures, modelling, flame inhibition, incineration, pollutants emission, detonation phenomena, etc...

## PROGRAM

### Monday May 10, 2010

09.00 - 09.25	Registration
09.25 - 09.30	Welcome address and opening by Ph. Ngendakumana
09.30 - 10.30	Invited lecture
10.30 - 10.50	Break
10.50 - 12.30	Oral presentations
12.30 - 14.00	Lunch
14.00 - 15.40	Oral presentations
15.40 - 16.00	Break
16.00 - 17.20	Oral presentations
18.30 -	Guided Tour and Conference Dinner

### Tuesday May 11, 2010

09.30 - 10.30	Invited lecture
10.30 - 10.50	Break
10.50 - 12.30	Oral presentations
12.30 - 14.00	Lunch
14.00 - 15.40	Oral presentations
15.40 - 16.00	Break
16.00 - 17.00	Oral presentations
17.00 -	Farewell
17.15 -	General Assembly of the members of the Belgian Section

### CALL FOR PAPERS

You are invited to submit an extended abstract (max. 2 pages long, including relevant figures and references) electronically in PDF format by **March 12, 2010**. The file size must not exceed 2Mbyte. Abstracts should be sent to: [pngendakumana@ulg.ac.be](mailto:pngendakumana@ulg.ac.be) and : [Nicole.Fraiture@ulg.ac.be](mailto:Nicole.Fraiture@ulg.ac.be)

Acceptance for oral presentation will be notified by **April 2, 2010**.

A book of abstracts will be available at the meeting.

## REGISTRATION AND FEE

The enclosed registration form must be sent to the organiser by e-mail.

The registration fees for the meeting include book of abstracts, coffees, drinks, lunches, guided tour and conference dinner. Fees are:

- 200 € for members of the Combustion Institute
- 250 € for non-members of the Combustion Institute
- 130 € for students
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An additional 50 € fee will be required for late registration (after **April 30**, 2010).

Instructions for payments will follow in the next announcements.

## VENUE AND ACCOMMODATION

The seminar will be held at the Sart-Tilman Campus (Building B4, Room S74) of the University of Liège, Belgium. Travel information is available on the web site <http://www.ulg.ac.be/>

There are many hotels in various price classes in the centre of Liège, but the organising committee recommend the Mercure Hôtel with which reduced prices have been arranged.

## ORGANISING COMMITTEE

Please address inquiries to:

Nicole Fraiture Nicole.Fraiture@ulg.ac.be Phone : +32 4 366 94 54	Danielle Makaïre Danielle.Makaïre@ulg.ac.be Phone : +32 4 366 48 21
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SELECTED TOPICS IN COMBUSTION

May 10-11, 2010

Registration form

Title of the contributing paper:

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Author(s):

.....

Last Name of the participant:.....

First Name :.....

Address : .....

.....

City : ..... ZIP Code : .....

Country : .....

Phone: ..... Fax: .....

E-mail: .....

Registration fee (please tic) :     250 €     200 €     130 €

Instructions for payments (only by bank transfer) will follow.

Please complete and send this form by e-mail before March 12,  
2010 to: [pngendakumana@ulg.ac.be](mailto:pngendakumana@ulg.ac.be) and [Nicole.Fraiture@ulg.ac.be](mailto:Nicole.Fraiture@ulg.ac.be)

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