

LIGHTNING PROTECTION

Specialist Training on Lightning Protection

Following the success of the initial training sessions in French (first semester of 2013), and under the aegis of the BEC-CEB, Professor Christian Bouquegneau* (University of Mons, Faculty of Engineering, Department of General Physics, 9 rue de Houdain, Mons) will organise **training sessions in English(EN)/Dutch(NL)**, spread over 10 afternoons (from 14:00 to 17:00; cf. schedule below) during the autumn term of 2014 at the UMONS Faculty of Engineering. These sessions will cover the topic of the new standardisation of lightning protection (international, European, and Belgian: IEC NBN EN 62305, Ed. 2: 2010).

These training sessions comprise 4 modules. *Written proof of attendance* will be awarded to hard-working students. To obtain *written proof of successful completion* of the *Specialist Training on Lightning Protection* and to gain the title of *specialist* related to the NBN EN 62305 standard, the trainee will have to pass an exam on topics covered in the 4 modules.

Module 1 (2 afternoons: **Thursday 25th September and Thursday 2nd October 2014**): *lightning phenomenology, effects of lightning, general principles of lightning protection* (EN, EN).

Module 2 (3 afternoons: **Thursday 9th October, Thursday 23rd October and Thursday 6th November 2014**): *lightning risk assessment, case studies analysis*. Visit of the High-Voltage Laboratory (EN, EN, EN).

Module 3 (3 afternoons: **Thursday 13th November, Thursday 20th November and Thursday 27th November 2014**): *lightning protection: electrogeometric model, separation distance, installations, maintenance, inspection, natural components* (EN, EN, NL).

Module 4 (2 afternoons: **Thursday 11th December and Thursday 18th December 2014**): *lightning protection of electric and electronic systems* (EN, NL).

*Christian Bouquegneau is a Professor of (and a representative of) the University of Mons, Former Rector of the 'Faculté Polytechnique de Mons', Chairman of the Scientific Council of the Belgian Royal Meteorological Institute, President of the 'Société des Sciences, des Arts et des Lettres du Hainaut', Chairman of the European Committee CLC TC 81X (*Lightning Protection*), Chairman of the Belgian Commission BEC TC 81 (*Lightning Protection*), Former Chairman of IEC TC81 (Chairman from 1988 to 2007, until the publication of the first edition of the international standard IEC 62305: 2006, *Lightning Protection*), Convenor of IEC TC 81 WG12 (*Lightning Location Systems*), and Convenor of IEC TC81 WG13 (*Thunderstorm Warning Systems*).

Organising Committee Contact Information:

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Contributors

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Registration Fees

Registration will only be effective once

- the attached form has been completed, signed, scanned and sent to christian.bouquegneau@umons.ac.be

and

- payment has been successfully transferred to the bank account of the University of Mons:
[BE36 0910 0987 0181 \(BIC: GKCCBEBB\)](#),
by 27th June 2014 (see below) or no later than 5th September 2014**
stating the following communication: [F901PC001 FoudreNL2014](#), Last name +
First name

In line with Article 44 of the Belgian VAT code, **no VAT** is applied to registration fees for such training sessions.

The invoice address will be mentioned on the registration form.

Price (same company): 1st attendee: **2500 €** ; 2nd attendee: **2000 €** ; 3rd attendee: **1750 €** ; 4th and subsequent attendees: **1500 €** per attendee.

****A 20% discount is offered to those registered before 27th June 2014.**

Trainees who register on only some of the 4 modules (modules 1+2, modules 1+3, modules 1+4, modules 1+2+3, modules 1+2+4, modules 1+3+4) can ask Prof C. Bouquegneau (christian.bouquegneau@umons.ac.be) the amount they have to pay when registering.



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Registration form to be sent to christian.bouquegneau@umons.ac.be

either by **27th June 2014 (- 20%)** or **no later than 5th September 2014 (full fee)**.

I, the undersigned,

Last name: First name:

Private or professional address:

.....
.....

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

Email:.....

register on the 4 modules of the *Specialist Training on Lightning Protection*, and pay,

- **by 27th June 2014 (- 20%)**
- **or no later than 5th September 2014 (full fee),**

the amount of€

(amount in words: euros)

into the account: [BE36 0910 0987 0181 \(BIC: GKCCBEBB\)](#) of the University of Mons, stating the following communication: [F901PC001 FoudreNL2014, Last name + First name](#)

Invoice

address :
.....

Date

Signature:.....