

Venue

TRNSYS Days 2012 will take place at the University of Liège, Arlon Campus (Arlon, Belgium). Maps of Arlon and other information about the meeting are available on the BEMS Web site (www.bems.ulg.ac.be)

Registration fees

Before August 25, 2012

Three days250 €
One day120 €

After August 25, 2012

Three days300 €
One day150 €

This amount covers the registration, lunches, refreshment and proceedings.

Registration: www.bems.ulg.ac.be

Contacts

Ulg Campus d'Arlon
Avenue de Longwy, 185
B-6700 Arlon, BELGIUM

Fabien Claude (Coordinator)
Phone : +32 (0) 63 23 09 40
fclaude@ulg.ac.be

Catherine Heyman (Secretary)
Phone : +32 (0) 63 23 08 53
Fax : +32 (0) 63 23 08 00
Catherine.Heyman@ulg.ac.be

Accommodation

Appart'City Arlon Phone : +32 63 24 23 00
Rue Zénobe Gramme, 17 Fax : +32 63 24 23 01
B-6700 Arlon Web site: www.apparcity.com

Best Western Hotel Arlux Phone : + 32 63 23 22 11
Rue de Lorraine, 54 Fax : +32 63 23 22 48
B-6700 Arlon Web site: www.bestwestern.be

Hotel du parc- Pizzéria Trulli
Avenue J-B Nothomb, 2 Phone : +32 63 21 81 79
B-6700 Arlon Fax : +32 63 22 02 06

Please, make your reservation yourself, as soon as possible, mentioning that you are taking part to the meeting!



TRNSYS Days'2012

With training on TRNSYS 17

September 5th to 7th 2012

University of Liège

Arlon Campus (Belgium)



Meeting Organizers

General Coordination:

Professor Philippe André

Training team:

Philippe André, Vincent Dolisy, Fabien Claude, Samuel Hennaut, Nicolas Pignon, Youness Ajaji, Elisabeth Davin, Sébastien Thomas, Julien Carton (University of Luxembourg)

Preliminary Program

Wednesday September 5th

9h00-10h30: First session

General presentation of TRNSYS

11h00-12h30: Second session

Visit Test building Jacques Geelen

Presentation of TRNSYS applications (**)

Lunch

14h00-15h30: Third session

Tutorial and exercises in three groups:

beginners and advanced (Building and HVAC systems).

Beginners	Weather data (reading, solar processing, shading calculations, ground temperature calculation)
Advanced Building	TRNSYS3D plugin use
Advanced HVAC	HVAC Systems Simulation

16h00-17h30: Fourth session

Continuation of tutorial and exercises in groups

Thursday September 6th

9h00-10h30: Fifth session

Tutorial and exercises in groups:

Beginners	Introduction to Multizone Building and systems Simulation
Advanced Building	Multizone buildings
Advanced HVAC	HVAC Systems Simulation

11h00-11h30: Presentation of a TRNSYS application

Presentations made by the participants (**).

11h30 -12h30: Sixth session

Tutorial and exercises (continued)

Lunch

14h-15h30: Seventh session

Tutorial and exercises (continued).

16h00-17h30: Eighth session

Tutorial and exercises (continued).

Friday September 7th

9h00 – 11h00: Ninth session

Tutorial and exercises (continued).

TRNSYS Beginners	Simulation of Solar systems
TRNSYS Advanced	Selection within: <ul style="list-style-type: none">• New components;• Connection TRNSYS-Matlab;• Parametric runs;• Development of TRNSED applications;• Solar energy applications• TRNFLOW• W Language• Participants problems (*)

11h30-12h30 Presentation of a TRNSYS application specific to a building research project

Lunch

14h00-15h00: Eleventh session

Presentation and discussion of results got in previous sessions. Conclusions and perspectives.

(*) Participants are invited to submit specific problems they would like to resolve, preferably in the field of building simulation and HVAC.

(**) Participants are also kindly invited to present a typical application they developed with TRNSYS