The venue

TRNSYS Days 2014 will take place at the University of Liège, Arlon Campus Environnement (Arlon, Belgium).

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

Maps of Arlon and additional information about the event are available on the BEMS website (www.bems.ulg.ac.be).

Registration

Registration online through: www.bems.ulg.ac.be

Before August, 31st

Three days .....300 €

One day .....150 €

After August, 31st

Three days .....350 €

One day .....175 €

Registration fees cover registration, lunches, coffee breaks and proceedings.

CONTACTS

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Accommodation

Appart'City Arlon Rue Zénobe Gramme, 17 B-6700 Arlon	Phone : +32 63 24 23 00 Fax : +32 63 24 23 01 www.appartcity.com
Best Western Hotel Arlux Rue de Lorraine, 54 B-6700 Arlon	Phone : + 32 63 23 22 11 Fax : +32 63 23 22 48 www.bestwestern.be
Hotel du parc- Pizzéria Trulli Avenue J-B Nothomb, 2 B-6700 Arlon	Phone : +32 63 21 81 79 Fax : +32 63 22 02 06

Please make your reservation as soon as possible, specifying that you will attend the TRNSYS DAYS event.

Université de Liège

BEMS

BUILDING ENERGY MONITORING AND SIMULATION (BEMS)

UNIVERSITY OF LIEGE

TRNSYS DAYS 2014

SEPTEMBER, 10TH TO 12TH 2014

Training provided on TRNSYS 17

University of Liège
Arlon Campus Environnement(Belgium)

TRNSYS 17

Preliminary Program

Wednesday, September 10th

9h00-10h30: First session

Welcome Coffee

General presentation of TRNSYS

11h00-12h30: Second session

Tutorial and exercises divided in three groups:

Beginners and Advanced (Building or HVAC systems)

Beginners	TRNSYS concept, Weather data (reading, solar processing, shading calculations, ground temperature calculation), Exercises
Advanced Building	TRNSYS3D plugin use
Advanced HVAC	HVAC systems - AHU

Lunch

13h30: Applied TRNSYS case study presentation

14h30-17h30: Third and Fourth session

Continuation of tutorial and exercises in groups

Thursday, September 11th

9h00-10h30: Fifth session

Tutorial and exercises in groups:

Beginners	Introduction to multizone building (orientation, zones, heating & cooling, windows) Introduction to TRNSYS 3D plug-in
Advanced Building	Multizone building – Active layers, Coldbridges, Comfort, TRNFLOW, Windows customization
Advanced HVAC	HVAC systems - Secondary loops (cold and heat production)

11h00 -12h30: Sixth session

Continuation of tutorial and exercises in groups

Lunch

13h30-14h00: Visit of our laboratory building "Jacques Geelen"

14h00-17h30: Seventh and Eight session

Continuation of tutorial and exercises in groups

Friday, September 12th

9h00 – 11h00: Ninth session

Continuation of tutorial and exercises in groups

Beginners	Simulation of Solar systems	
Advanced Building + HVAC	You have to choose one lesson at 9 AM and the other one at 11 AM	
	9.00 AM	**11.00 AM**
	TRNSYS-Matlab connection	Parametric runs
	Photovoltaic	Wind turbine

Lunch

14h00-15h00 : *Tenth session*

- Evaluation of the training
- Conclusions and perspectives
- Closing drink

MEETING ORGANIZERS

General Coordination

Professor Philippe ANDRÉ

Training team

Philippe ANDRÉ, Youness AJAJI, Fabien CLAUDE, Elisabeth DAVIN, Samuel HENNAUT, Imane REHAB, Corinne ROGIEST, Julien CARTON