

# MAY 2015, 28<sup>TH</sup> & 29<sup>TH</sup>

Domaine de l'Asnée, VILLERS-LES-NANCY (FRANCE)

## Save the dates

Case studies & Feedback



User experience exchange

## TRNSYS *EXPERIENCE* SEMINAR

Main topics :

- Passive & Nearly-Zero Energy Building: Energy and Comfort
- TRNSYS and Energy Audit
- Renewable energy sources integration in buildings
- TRNSYS connection to other softwares
- Optimisation of energy use in buildings

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UNIVERSITÉ  
DE LORRAINE



UNIVERSITÉ DE LA  
GRANDE RÉGION  
UNIVERSITÄT DER  
GROSSREGION



## TRNSYS EXPERIENCE SEMINAR 2015



On the one hand, TRNSYS is a powerful transient simulation tool based on a strong international development. On the other hand, the TRNSYS EXPERIENCE Seminar 2015 highlights the growing and successful collaboration between Universities within the Greater-Region. This event is then an outcome of different partners dealing with TRNSYS in the frame of Research and Consultancy: **Université de Lorraine, Université du Luxembourg, Université de Liège & ICSEED.**

We are then pleased to announce this first international seminar about TRNSYS EXPERIENCE, dedicated to case studies and user exchanges, in France. This seminar will be held in **Villers-les-Nancy, May 28th & 29th 2015.**

This seminar is an opportunity to join **Research, Engineering & Consultancy.** Presentations will introduce applied research and cases promoting dynamic thermal/energy simulation as a powerful and meaningful tool either for energy & buildings, or design & auditing.

Consequently, real cases and results will be presented considering the following main topics:

- ✓ Passive & Nearly-Zero Energy Building: Energy and Comfort
- ✓ TRNSYS and Energy Audit
- ✓ Renewable energy sources integration in buildings
- ✓ TRNSYS connection to other softwares
- ✓ Optimisation of energy use in buildings

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## ABOUT THE VENUE IN NANCY | DOMAINE DE L'ASNÉE



### Nancy | Stanislas Place

Historic building of Nancy agglomeration, Domaine de l'Asnée is located 5 km far from the well-known Stanislas Place and historic centre of Nancy



### Nancy | Domaine de l'Asnée

Inside a tree-filled park of 9 hectares, this building is an amazing location disconnected from urban disturbances while integrated to the city. Built on the heights of Villers, the Domaine de l'Asnée provides a gorgeous view on the surroundings.



### Domaine de l'Asnée | Meetings and Exchanges

Place for meetings and exchanges, the Domaine de l'Asnée will welcome the TRNSYS EXPERIENCE Seminar 2015.

### DOMAINE DE L'ASNÉE

11 rue de Laxou - 54600 VILLERS-LÈS-NANCY

#### Access by car:

Car park: free access

#### Access by bus:

Bus line 6 from Nancy train station

Bus stop Albert 1er

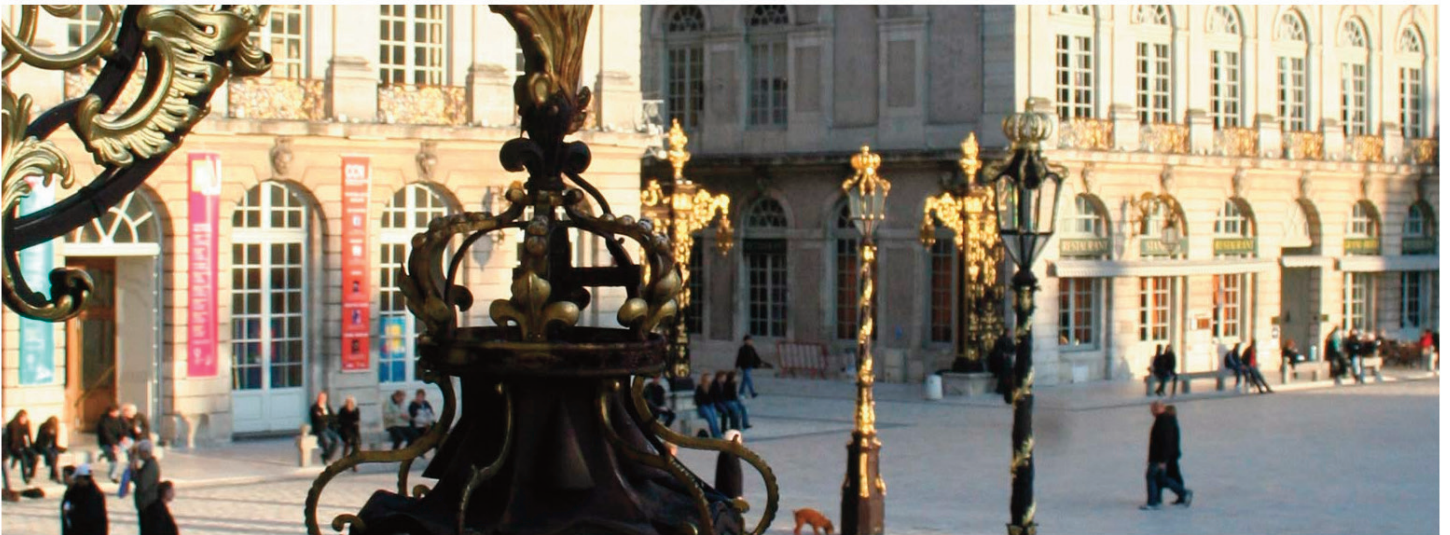
#### Closest train stations:

Nancy | Lorraine TGV

#### Closest airports:

Metz | Luxembourg | Paris Charles-de-Gaulle

## PROGRAM



Posters of participants will be exposed in the conference hall, so as to be source of discussions for coffee and lunch breaks.

Each session will include two presentations and a specific time for user exchange about the topic.

The program presented here is the preliminary program. Final program with titles of presentations will be released during April 2015.

### THURSDAY, MAY 28TH

08h00-09h30: Participants registration

09h30-10h30: OPENING SESSION

10h30-11h00: Coffee break

11h00-12h30: FIRST SESSION

#### Passive & Nearly-Zero Energy Building: Energy and Comfort

- ✓ Global user comfort assessment,
- ✓ Overheating risk assessment,
- ✓ Phase difference...

12h30-13h30: Lunch break

13h30-15h00: SECOND SESSION

#### TRNSYS and Energy Audit

- ✓ Model calibration on existing buildings,
- ✓ User influence assessment,
- ✓ Local weather data impact...

15h00-15h30: Coffee break

15h30-17h30: Visit of ENERBAT Platform  
(Université de Lorraine)

- ✓ Trigenération (Combined Cooling, Heat and Power)

20h00-23h00: Seminar dinner with participation  
of the cover band ROOSTERS

### FRIDAY, MAY 29TH

09h00-10h30: THIRD SESSION

#### Renewable energy sources integration in buildings

- ✓ Solar energy storage,
- ✓ Heat recovery on industrial processes,
- ✓ Geothermal energy combined with Heat Pump,
- ✓ Wind turbines...

12h30-13h30: Coffee break

13h30-15h00: FOURTH SESSION

#### TRNSYS connection to other softwares

- ✓ Natural lightings integration,
- ✓ Solar radiation calculation, shading masks,
- ✓ Natural ventilation...

12h30-13h30: Lunch break

13h30-15h00: FIFTH SESSION

#### Optimisation of energy use in buildings

- ✓ Load shifting,
- ✓ GenOpt,
- ✓ Model Predictive Control...

15h00-15h30: Coffee break

15h30-17h00: Specific user exchanges

## REGISTRATION FEES (VAT excluded)



BEFORE APRIL, 30TH	May, 28th & 29th	May, 28th or 29th
Standard fees (incl. PhDs, PostDoc)	290 € two days	190 € one day
Speakers	200 € two days	130 € one day
Unemployed, Students	150 € two days	95 € one day

AFTER APRIL, 30TH	May, 28th & 29th	May, 28th or 29th
Standard fees (incl. PhDs, PostDoc)	350 € two days	235 € one day
Unemployed, Students	150 € two days	95 € one day

Registration fees cover the cost of registration, meals (including seminar dinner) and coffee breaks

### REGISTRATION PROCEDURE

- 1/ Please fill the registration form on this page
- 2/ An invoice will be sent to your e-mail address within 2 days
- 3/ Registration will be complete after payment of the invoice



Name\*:

First Name\*:

Company:

Address\*:


Phone number\*:

E-mail address\*:

Type of registration\*:

- Standard/PhD
- Speaker
- Student/Unemployed

I will bring a poster\*:  Yes  No

I will join for the seminar dinner on Thursday, May 28th\*:  Yes  No

I want some additional places for the seminar dinner (25€/person):

Additional message:

# ORGANIZATION COMMITTEE



Professor Dr.Ing.  
**Philippe ANDRE**  
*Université de Liège (BELGIUM)*

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