

# International Colloquium on Energy Storage

**Jointly organized by :**



**SEII**  
European Society  
for Engineers &  
Industrialists

**AGORIA**  
Energy  
Technology Club

**With the collaboration  
and support of :**



**essenscia**  
where chemistry  
meets life sciences

**AGORIA**

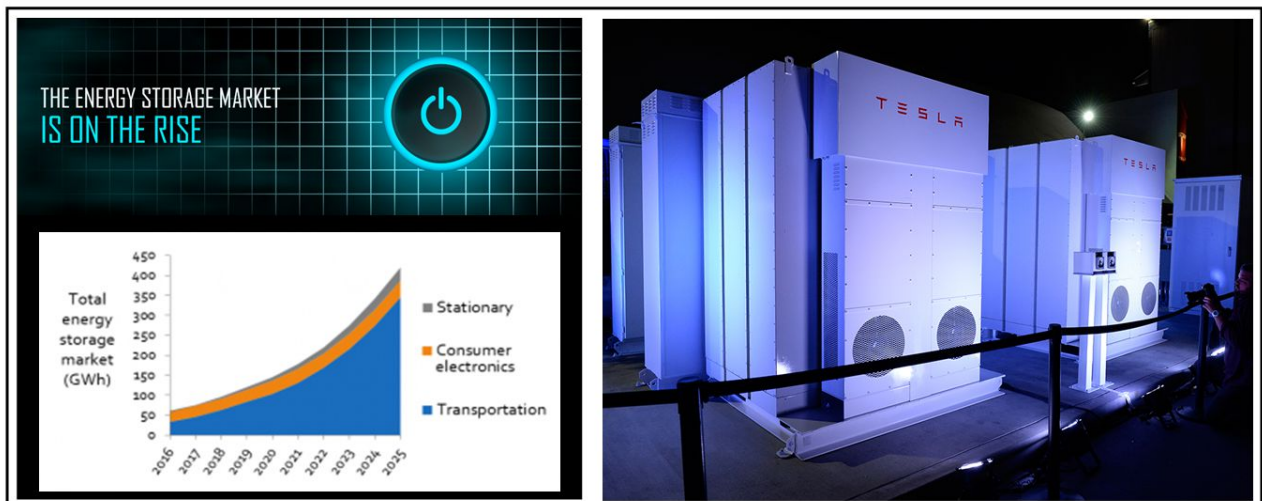
Embracing Technology ...  
... Embracing Ambition



**FU  
US**  
University  
Foundation

*The Promise of Energy Storage : it will change our life !*

**Brussels –8<sup>th</sup> November 2017 – University Foundation**



The energy storage market is on the rise, with the development of new and more efficient technologies, which show unique capabilities in coping with some critical characteristics of electricity, as for instance hourly variations in demand and price, and with the increase in the share of renewables – and their intrinsic variability – in our energy mix. Different technologies, having specific capabilities, can be used to that effect. They are usually split up into five classes : chemical, electrical, electromechanical, mechanical and thermal.

This will, not only have a **deep impact** on the way energy – and particularly electricity – is produced, distributed ( future grids ) and consumed, but also bring about new economics for the whole sector and call for new specific regulatory policies. Nevertheless, within a decade, energy storage systems will become common equipment for both companies and individuals.

At this colloquium, you will gain a state-of-the-art insight in the most recent developments and prospects, thanks to specialists from academia, industry and law.

Please consult the **programme** of the colloquium and find out the necessary information about the **venue** and the **registration** conditions on the next pages.

# Programme

08 h 30

*Registration of participants begins*

09 h 15



Welcome address, by **Robert LECLÈRE**, President of SEII – Chief Executive Officer at SYNATOM



**Chairman** : Prof. Em. Dr. **Yvan BRUYNSERAEDE**, Department of Physics and Astronomy at KU Leuven

09 h 30



« *An overview of the various storage technologies for the grid* », by Prof. Dr. Ir. **Johan DRIESE**N, KU Leuven, Electrical Engineering Department - ESAT

10 h 20



« *Hydrogen and fuel cells : flexible device for energy storage* », by Dr. Ir. **Jean-Luc DELPLANCKE**, ULB, Polytechnical School, 4MAT

11 h 10



*Coffee break*

11 h 40



« *Redox flow batteries to tackle the energy transition : the choice of CMI Energy* », by Dr. Ir. **Sébastien BORGUET**, R&D Engineer, CMI Energy

12 h 30



*Lunch*

13 h 50



« *Lithium-ion batteries in electric vehicles : facts and merits* », by. Prof. Dr. **Mohammadhosein “Momo” SAFARI**, Associate Professor, University of Hasselt, Faculty of Industrial Engineering Sciences, Engineering Materials and Applications

14 h 40



« *Vision of ENGIE to realize storage of energy, using current state of technology* », by Ir. **Hans VANDERSYPPE**, Energy Solution Manager, Business Unit Generation, ENGIE

15 h 30



« *Energy Storage and Flexibility – EU and Belgian regulatory aspects* », by Mr. **David HAVERBEKE**, Regulatory Lawyer, Partner Energy & Utilities Practice, Fieldfisher (Belgium) LLP

16 h 20



*Closing and networking drink*

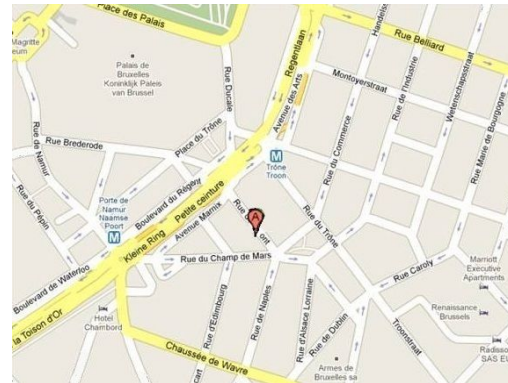
## Practical information : venue and registration

**Date :** Wednesday 8<sup>th</sup> November 2017

**Venue :** University Foundation,  
Rue d’Egmontstraat, 11  
1000 Brussels – Belgium

**Metro :** Trône / Troon ( lines 2 & 6 )

**Bus lines :** 38 & 71 ( from Central Station )



**Registration fees ( including lunch & VAT ) :** Up to 24<sup>th</sup> October 2017    From 25<sup>th</sup> October 2017 on

Students .....    **25 € / participant** .....    **30 € / participant**

Members of the Energy Technology Club (ETC) of AGORIA : usual conditions for events organized by the Club ( see below )

Members of SEII, of Academia or of the Club of the University Foundation, and participants from a company affiliated to AGORIA ( except Energy Technology Club ) or to ESSENSCIA : **90 € / participant** .....    **120 € / participant**

Other participants .....    **115 € / participant** .....    **145 € / participant**

*Cancellation policy : Before 21<sup>st</sup> October : 100 % - After 21<sup>st</sup> October up to 31<sup>st</sup> October : 50 % - From 1<sup>st</sup> November on : 0 %*

**NB. We shall send an invoice to all participants ( except to those of the ETC of AGORIA ) : please be sure to provide all the necessary information ( names, address, e-mail, VAT number if any ).**

**Other information ?** Mailto [info@seii.org](mailto:info@seii.org)

### **In order to register :**

- Participants from a company that is **member of the Energy Technology Club** of AGORIA will register through the Club as usual.
- **Other participants** : through SEII’s website [www.seii.org](http://www.seii.org) ( choose your language, click on ‘inscription/registration’, fill the registration form and click on the ‘Send’ button – you will receive a confirmation of your registration by email )

*If you are a student, a member of Academia or of the Club of the University Foundation, or if your company is affiliated to either AGORIA ( except Energy Technology Club ) or ESSENSCIA, please mention it in the ‘Remarks’ box*

**NB.** Your registration will be effective only when we will have received the registration fee on the bank account **IBAN : BE63 3101 3976 9208 – BIC : BBRUBEBB** of SEII, rue d’Egmontstraat, 11 – 1000 BRUSSELS, mentioning “ **Energy Storage 2017** ” and the participant’s name(s). If your registration is paid by a company or institution, we absolutely need either a purchase order ( order form ) or an acknowledgment of receipt of the invoice.