

Lecturers will be drawn from:

Prof. Luisa F. Cabeza,
Universitat de Lleida, Spain
Prof. Mohammed Farid,
The University of Auckland, New Zealand
Prof. Jay Khodadadi,
Auburn University, USA
Ass. Prof. A. Inés Fernández,
Universitat de Barcelona, Spain
Ass. Prof. Ingrid Martorell,
Universitat de Lleida, Spain
Ass. Prof. Kévy Johanness,
University of Lyon, France
Dr. Camila Barreneche,
Universitat de Barcelona, Spain

Venue

Universitat de Barcelona
Faculty of Chemistry
Polyvalent Laboratory
c/Martí i Franqués 1
08028 Barcelona



Dos Campus d'Excel·lència Internacional:

B:KC Barcelona
Knowledge
Campus

HUB^c Health Universitat
de Barcelona
Campus

Fees

There is a fee of 150€ for each participant to cover administration costs.

Information on hostels, hotels and travel to Barcelona is available on the Innostorage website (www.innostorage.eu)

Application

Application to attend the Training School should be registered by sending a completed application form to

INNOSTORAGE-TS@diei.udl.cat

Poster Session

Assistants to the Training School will present a poster (give a short introduction) and then be given the opportunity to discuss their research with the Training School lecturers and fellow students.

Training School N°1



ADVANCED TES MATERIALS FOR BUILDING AND INDUSTRIAL APPLICATIONS

Date: 25-27 June 2014
Universitat de Barcelona
Barcelona, Spain



Timetable

- Wednesday, 25 June 2014

9:00 – Welcome of participants
9:30 – Introduction to TES materials
10:30 – Sensible heat storage materials: requirements, problems, materials availability
11:30 – Latent heat storage materials: requirements, problems, materials availability
12:30 – Thermochemical energy storage materials: requirements, problems, materials availability
13:30-15:00 – Lunch
15:00 – Poster session
16:30 – Workshop: Materials selection
18:00 – End of the day

- Thursday, 26 June 2014

9:00 – Analysis of TES materials properties
11:30 – Embodied energy and CO₂ in TES materials
13:30-15:00 – Lunch
15:00 – Workshop: Materials analysis (DSC, TGA, T-history, FTIR, etc.)
18:00 – End of the day

- Friday, 27 June 2014

9:00 – Microencapsulation of PCM
10:00 – Nanoindentation for microencapsulated TES materials analysis
11:00 – Nanomaterials used in TES applications
12:00 – TES materials properties improvement: thermal conductivity, segregation, corrosion, subcooling, flammability
13:00 – Distribution of certificates and closing of training school
13:30-15:00 – Lunch

Application

Title:

Family Name:

First Name(s):

Organisation:

Department:

Country:

Email:

Main research area:

Academic Advisor:

Please inform us of the topic you are most interested in:

-
-
-

(For the application send this information to the email: INNOSTORAGE-TS@diei.udl.cat)