LECTURERS:
Dr. Ana Inés Fernández
Universitat de Barcelona, Spain
Dr. Mercè Segarra
Universitat de Barcelona, Spain
Dr. Pablo Gamallo
Universitat de Barcelona, Spain
Dr. Rodrigo Ramírez Pisco
UNIBA, Spain
Prof. Luisa F. Cabeza,
Universitat de Lleida, Spain
Dr. Alvaro de Gracia
Universitat de Lleida, Spain
Dr. Gabriel Zsembinszki
Universitat de Lleida, Spain
Dr. Dieter Boer
Universitat Rovira i Virgili, Spain
Dr. Helena Navarro
University of Birmingham, UK
Prof. Yulong Ding
University of Birmingham, UK
Dr. Camila Barreneche,
Universitat de Barcelona, Spain

FEES
There is a cost of 230€ (tax included) for each participant to cover administration costs, and coffee break, lunch and dinner expenses. If your institution is partner or associate partner of the INPATH-TES network, you will have a fee discount. Please, ask to our contact person.

Information on hostels, hotels and travel to Barcelona is available by emailing the contact person.

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

materials4tes@ub.edu

POSTER SESSION
Assistants to the Training School have the opportunity to share their research results by preparing a poster and they will have some minutes for a short presentation of their TES scientific work.

TRAINING SCHOOL:
Universitat de Barcelona
Faculty of Chemistry
Polyvalent Laboratory
c/Martí i Franquès 1 (main floor).
08028 Barcelona

VENUE
Universitat de Barcelona
Faculty of Chemistry
Polyvalent Laboratory
c/Martí i Franquès 1 (main floor).
08028 Barcelona

MATERIALS FOR THERMAL ENERGY STORAGE – MATERIAL SELECTION, OPTIMIZATION & CHARACTERIZATION

Dates: 20-21 May 2019
Universitat de Barcelona
Barcelona, Spain

The founding of this network was supported by the European Commission between 2015 and 2018 through the European Union’s Horizon 2020 research and innovation programme under grant agreement number 657466.
Monday, 20 May 2019

09.00 Registration of participants
09.30 Welcome
09.45 Presentation of Host Institution: DIOPMA
10.00 Presentation of the INPATH-TES project and Network
10.15 Introduction to Energy Storage
11.00 Coffee break
11.30 TES technology framework
12.30 Materials for thermal energy storage (TES)
13.30 Lunch
15.00 Requirements and constrains of TES materials
15.30 TES materials enhancement
16.00 Coffee break
16.30 Artificial intelligence
17.30 Introduction of heat transfer in TES
20.00 Dinner

Tuesday, 21 May 2019

09.00 Materials Selection for TES
10.00 Use of the CES Edupack software for TES materials selection
11.00 Coffee break
11.30 Multiobjective optimization of TES systems
12.30 Molecular dynamics tool for TES materials
13.30 Lunch
15.00 Characterization of materials for thermal energy storage I: thermal characterization
15.45 Characterization of materials for thermal energy storage II: chemical characterization
16.30 Coffee break
17.00 Characterization of materials for thermal energy storage III: physical characterization
18.00 Training school closing and presentation of certificate

APPLICATION FORM:

Please, to register to Materials4TES training school apply to the following link:
https://goo.gl/forms/E195uldYrPKWBzcO2

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: