



COST Action TU1104 – Smart Energy Regions
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CALL FOR APPLICANTS

Early Stage Researchers Training School

INTEGRATED APPROACH TO RETROFITTING EXISTING DWELLINGS

Date of course: Monday 20th to Thursday 23rd April 2015
Deadline for applications: February 28th 2015
Location: Faculty of Architecture, University of Belgrade, Belgrade, Serbia.
Case study area: Belgrade region and the New Belgrade neighborhood.
Local organiser: Faculty of Architecture, University of Belgrade, Serbia.



The COST Action TU1104 “Smart Energy Regions” will run a training school for Early Stage Researchers looking at “Integrated approach to retrofitting existing dwellings”. The scientific focus of the Training School is the improvement of the environmental and energy performance of existing neighborhoods at a regional scale.

Topics

The course will cover **theory** associated with:

- Retrofitting – urban design;
- Retrofitting – building design;
- Modelling and simulations - procedures of simulations of energy performances of different design solutions using appropriate software;
- Monitoring with a distinct regional approach.

Practical work will focus on New Belgrade and will involve:

- A Field trip;
- Analysis of the existing situation;
- Design of retrofitting concepts;
- Modelling and simulations, comparative analyses;
- IT solutions for building management and retrofitting - visit to 'smart' multi-use commercial facility or show room.

The **trainers** are members of the Smart Energy Regions COST Action and include:

- Prof. Aleksandra Djukic, Faculty of Architecture, University of Belgrade, Serbia;
- Prof. Aleksandra Krstic-Furundzic, Faculty of Architecture, University of Belgrade, Serbia;
- Arch. Luis Bajaras, Polytechnic University of Catalunya, Spain;
- Arch. Giuseppe La Ferla, Chapman Taylor España, Spain;
- Dr. Slobodan Lukovic, University of Lugano, Switzerland.

The main goal of the Training School is to offer an opportunity to reflect upon about how retrofitting of neighborhoods can contribute to energy and environmental improvement of regions in a different context whilst enabling attendees to interact with other researchers from across Europe.

Application and reimbursement

The Training School is open to Master students, PhD students and Early Stage Researchers (ESRs) from participating COST Countries. A researcher is considered an ESR if no more than 8 years have passed since his/her PhD was awarded.

Fixed financial support of €900 per person will be provided by the COST Action in order to cover travel and subsistence costs. These will be reimbursed following full attendance at the School.

Applicant selection

The Training School has a limited number of places. If you wish to participate to the Training School, please fill the attached Application Form explaining in no more than 2,000 words:

- Your personal motivation to join the Training School;
- Your education and experience in research;
- Your willingness to establish international networks and partnerships.

The Application Form can also be downloaded at www.smart-er.eu/news

The deadline for the submission of the Application Form is 28/02/2015.

The selection of the candidates will take place before 11/03/2015.

Please submit your application to: smarter@cardiff.ac.uk

The COST Action TU1104 Smart Energy Regions is funded by COST – European Cooperation in Science and Technology. For more information please visit www.cost.eu and www.smart-er.eu.