



**Assistant Buildings' addition to Retrofit, Adopt,
Cure And Develop
the Actual Buildings up to zeRo energy, Activating a market for deep renovation**



We gladly invite you to submit your extended abstract for the

International Workshop on Challenges and Opportunities on Add-Ons in deep renovation of existing buildings,

23-24 June 2016, University of Bologna,

in the framework of the **ABRACADABRA** PROJECT (funded by the European Union's Horizon 2020 Research and innovation programme under grant agreement No 696126).

IMPORTANT DATES

Papers due: 23 May 2016

Notification to selected authors: 6 June 2016

Papers' presentation: 23 (afternoon) June 2016

For further details, please refer to the **ABRACADABRA** "call for papers" section on the website:

<http://www.abracadabra-project.eu/call-for-papers/>

ABRACADABRA is the acronym of a title summarizing the project's strategy: **Assistant Buildings' addition to Retrofit, Adopt, Cure And Develop the Actual Buildings up to zeRo energy, Activating a market for deep renovation.** ABRACADABRA is based on the prior assumption that non-energy-related benefits play a key role in the deep renovation of existing buildings. In particular, ABRA actions will focus on the creation of a substantial increase of the real estate value of the existing buildings through a significant energy and architectural transformation. The central goals of the proposal is the important reduction of the payback time of the interventions, the strengthening of the key investors' confidence, increasing quality and attractiveness of the existing buildings' stock and, finally, reaching a concrete market acceleration towards the Nearly Zero Energy Buildings target. **ABRA aims at demonstrating to the key stakeholders and financial investors the attractiveness of a new renovation strategy based on AdoRe, intended as one (or a set of) Assistant Building unit(s)– like aside or façade additions, rooftop extensions or even an entire new building construction –that adopt the existing buildings(the Assisted Buildings).** In this workshop, we seek to explore and understand the decision making process, how different factors influence the actual market of deep renovation, and ways to assure good solutions and decision making to activate a market for deep renovation.

It will be a great honor for us to share your newest scientific work in our International workshop. We are looking forward to receive your papers.

Main areas and topics of interest of the workshop are suggested below:

- Zero energy in existing buildings through higher integration of renewable energy sources and plant in architecture;
- Cladding, re-cladding, volumetric additions, assistant buildings to renovate buildings in existing urban contexts;
- Cognitive, behavioural, and social aspects of decision-making in the deep renovation of existing buildings;
- Economic aspects and innovating finance in deep renovation;
- Legislative barriers towards the adoption of volumetric additions in deep renovation;
- Challenges and opportunities: the limits and perspectives in renovating buildings through volumetric additions.

Authors are invited to submit unpublished work demonstrating innovation in the topics of interest of the workshop. Each submitted paper will undergo a review process the conference committee members. Reviewers will evaluate the submissions based on: (i) their ability to generate discussion, and (ii) relevance to the workshop.

The official language of the conference is English.

Papers should be submitted with a maximum length of 4-6 pages.

All submissions will be peer reviewed and acceptance/rejections is based on their relevance to the workshop topics.

- Accepted papers will be published in the Abracadabra-project website.
- A selection of accepted papers will be invited for oral presentation during the Abracadabra International Workshop at Bologna 23-24 June 2016.
- Best papers will be invited for an extended version in the **Energy and Building, Special Issue “Nearly Zero Energy in existing buildings”** by 30 September 2016.

SCIENTIFIC COMMITTEE

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