

PRE-CALL FOR PAPERS

TECHNE | SPECIAL ISSUE 1/2018

on behalf of EERA JOINT PROGRAMME on SMART CITIES

Journal of Technology
for Architecture and
Environment

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EUROPEAN PATHWAYS TO SMART CITIES

EERA Joint Programme on Smart Cities SPECIAL ISSUES SERIE

Since their creation eight years ago, the EERA Joint Programmes and their participating institutions have accumulated important knowledge on the specific topic of each of the several programmes they carried out. This includes Smart Cities, which refers to the main outlines of **EERA JPs on Smart Cities Workplan**, focusing on innovative solutions based on interdisciplinary approaches, as needed to face the highly complex structure of a future smart energy system at urban scale.

Techne Special Issue 1/2018 on “European Pathways to Smart Cities”

sits in this Framework, as a first step of the cooperation between EERA JPSC - *European Energy Research Alliance Joint Programme on Smart Cities* and SITdA - *Società Italiana della Tecnologia dell'Architettura*, with the objective to highlight the different researches and approaches emerging in the European way to transition towards the Smart Cities.

In line with the research areas identified by EERA JPSC and SITdA, the papers proposed for this Special Issue are expected to focus on one of the following **topics**:

1. **Energy in Cities: knowledge and simulation**
2. **Energy Networks: integration, decentralization, management**
3. **Buildings and Built Environment: smart features to improve efficiency and integration**
4. **Supply Technologies: exploiting interaction of sources and synergies maximization**

Papers will provide original research results, case-study review, feasibility analysis, issues of large scale test and experimental application of new technologies, processes, protocols, models, which already have an impact on municipalities, environment, economy and social communities, as well as essays on scientific and/or non scientific challenges such as the smart cities concept.

The call for paper will open on October, 27th 2017.

Authors are request to submit an abstract of 4000 characters by December, 22nd 2017.

Two sections are available in which the papers can be published: “research and experimentation” and “essays”. For both sections, at the abstract submission, Authors must specify the section, the topics to which their paper is addressed and at least 3 specific keywords, reflecting the essential elements of the paper.

For further information <http://www.sitda.net/index.php/rivista-techne.html>



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