



8TH International Conference on Control, Automation, and Diagnosis



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May 15-17, 2024
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CALL FOR PAPERS SPECIAL SESSION ON

Technological advances serving the eco-energy transition of Sub-Mediterranean cities

for ICCAD'24

May 15-17, 2024, Paris-France

Session Co-Chairs:

- Dr . Rahmani Khadidja, Université Tunis EL Manar, Ecole Nationale d'Ingénieurs de Tunis, Unité de Recherche Energétique et Environnement, BP 37, Le BELVEDERE, 1002 Tunis, Tunisie,

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- Pr . Issa Batarseh, Florida Power Electronics Center, Université of Central Florida, Orlando, Florida, USA, Issa.Batarseh@ucf.edu

Session description:

This special session addresses the energy transition challenges faced by cities, a central focus highlighted in numerous energy discussions as the primary response to environmental and energy issues accompanying the evolution of today's urban landscapes.

In actuality, the transition to energy efficiency stands as a significant concern, underscoring the relevance of this session. The primary aim of this session is to propose solutions aimed at enhancing energy efficiency, thereby fostering the energy transition of cities in the Sub-Mediterranean region. This endeavor aids in exploring the factors that contribute to the success of interventions in pre-established urban areas.

Topics of interest encompass, but are not restricted to:

- Architectural designs tailored to the Sub-Mediterranean ecosystem.
- Strategies that facilitate the eco-energy transition of smart cities.
- The role of AI in advancing energy management solutions within existing urban environments.
- Enhancements in energy efficiency for vernacular Sub-Mediterranean city models.
- The energy efficiency challenges within agricultural buildings.
- Optimizing the thermal equilibrium in office structures.
- Enhancing the energy efficiency of sanitary facilities.
- The role of renewable energy resources in boosting the performance of tourism initiatives.

SUBMISSION

Papers must be submitted electronically for peer review by: **December 15, 2023**

<https://www.iccad-conf.com/submission/>

All papers must be written in English and should describe original work. The length of the paper is limited to a maximum of 6 pages (in the standard IEEE conference double column format).