



**IRSEC'15**  
IEEE Conference

3<sup>rd</sup> International Renewable and Sustainable Energy Conference  
December 10-13, 2015, Marrakech & Ouarzazate, Morocco

# CERTIFICATE

We hereby certify that

**Bentchikou Ibrahim**  
University of Khemis Miliana  
Ain Defla, Algeria

has presented the paper bellow in 2015 International Renewable and Sustainable Energy Conference (IRSEC'15), which took place in Marakech & Ouarzazate, Morocco from 10<sup>th</sup> to 13<sup>th</sup>, December 2015.

Title: "Contribution to the generalized predictive control applied to the MSAP" (ID: 64)

Author(s): I. Bentchikou, F.Boudjema, D.Boukhetala, N. Ould cherchali, A. Tlemçani, F. Ouaguenii

Date: December 11, 2015.

Signatures: IRSEC'15 Co-Chairs

Prof. Mohamed Essaïdi

Dr Youssef Zaz



**MSTI**  
Moroccan Agency of Technology and Innovation

**masen**  
Moroccan Agency  
for Solar Energy

**giz** Deutsche Gesellschaft  
für Internationale  
Zusammenarbeit (GIZ) GmbH