

# CERTIFICATE

We hereby certify that

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has presented a paper in 2014 International Renewable and Sustainable Energy Conference (IRSEC'14), which took place in Ouarzazate, Morocco from 17<sup>th</sup> to 19<sup>th</sup>, October 2014.

Title: **"Modeling and Simulation of Photovoltaic Array with Different Interconnection Configurations under Partial Shading Conditions for Fill Factor Evaluation"** (ID: 63)

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Date: October 18, 2014.

Signatures: **IRSEC'14 Co-Chairs**

Prof. Mohamed Essaïdi

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