



People's Democratic Republic of Algeria
Ministry of Higher Education and Scientific Research
M'hamed Bougara University of Boumerdes
Research Unit: Materials, Processes and Environment



CERTIFICATE OF PARTICIPATION

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This certificate is proudly presented to

Labiad Yacine

Has successfully participated at the

4th International Symposium on Materials and Sustainable Development

12 - 14 November 2019, Boumerdes - Algeria

By presenting a communication entitled:

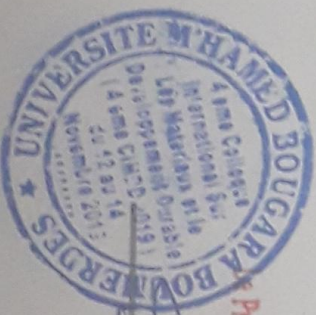
**THE EFFECT HARDENING THE INITIAL STEAM BY SOLAR ENERGY ON THE COMPRESSIVE
STRENGTH OF CONCRETE CONTAINING THE LIMESTONE FILLERS**

Co-authors: Guettala Solim , Meddah Abdelaziz , Beddar Milloud



12 NOV. 2019

Date



Président du Comité d'Organisation

M. Djouli Abdouhakim

Signature