



# CERTIFICATE OF PARTICIPATION

This is to certify that

**KAHOUL Fares**

Participated in the “**THE 1<sup>ST</sup> INTERNATIONAL CONFERENCE ON RENEWABLE MATERIALS AND ENERGIES ICRME2022**  
**October 26-27, 2022, OUARGLA-ALGERIA**” with an **ORAL** presentation entitled:

**PREPARATION, DEVELOPMENT OF PHASES, MICROSTRUCTURES AND ELECTRICAL PROPERTIES OF XCE-  
MENT-(1-X)PZT CERAMICS**

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Président de ICRME 2022

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