

**CERTIFICATE**

*Of*

**PARTICIPATION**

**Hamza Bennacer**

has participated in 3rd International Conference on Applied Engineering and Natural Sciences on 20-23 July  
in 2022 at Konya/Turkey.

**PAPER TITLE**

*Numerical study of ZnO/CdS/CdSnP2 solar cells*

**PRESENTATION  
TYPE**

**ICAENS 2022 CONFERENCE CHAIRMAN  
Asst. Prof. Dr. Umut ÖZKAYA**



**ICAENS  
2022**



A handwritten signature in blue ink, appearing to read 'Umut Ozkaya'.