

The 1st edition of the International Conference on  
Electronics Engineering and Telecommunications (2ETA'23)  
November 22th and 23th, 2023, Bordj Bou Arreridj University, ALGERIA

## PARTICIPATION CERTIFICATE



This certificate is proudly presented to

*Fatima Brik*

and:

*Fares Fahima, Fadila Benmeddour*

in recognition of presenting an article entitled "Simulation Analysis of a Phased Array Filter for 50GHz Optical Telecommunications Networks", at the 1st edition of the International Conference on Electronics Engineering and Telecommunications (2ETA'23).  
This conference is organized by the ETA Laboratory, with the sponsorship of the Thematic of Research Agency in Science and Technology (ATRST).

President Of The Conference  
**Pr. Zoubeida Messali**

