

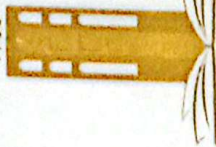


People's Democratic Republic of Algeria
Ministry of Higher Education and Scientific Research



University of Mohamed Boudiaf - M'sila
Faculty of Mathematics and Computer Sciences

1985



جامعة محمد بوضياف - المسيلة
Université Mohamed Boudiaf - M'sila

The Fourth National Conference on "Mathematics, Biology and Medicine"

Edition 2025 — Modeling of Epidemic Propagation Phenomena

(NCMBM'2025) December 9, 2025, M'sila (Algeria).

CERTIFICATE OF PARTICIPATION

The organizing committee of the Fourth National Conference on "Mathematics, Biology and Medicine" certifies that:

Kaouthar BOUCHAMA

Presented a **COMMUNICATION** entitled:

Numerical Study of the Space-Time Fractional Diffusion Equation with the Riesz-Caputo-Katugampola Fractional Derivative.

Dean of Faculty



عميد كلية الرياضيات
و الإحصاء
نويصري إبراهيم



Chairman of the 4th NCMBM'2025

عريوة ياسين