



**13<sup>th</sup> IFAC Conference on Fractional  
Differentiation and its Applications**

December 16-18 2025, Algiers, Algeria



Ecole Nationale Polytechnique



## CERTIFICATE OF PARTICIPATION

Proudly presented to

**Abdelhakim Idir**

for the valuable scientific contribution and for presenting the paper entitled:

**“Enhanced Temperature Control of Electric Furnaces Using  
MFPA Optimized Fractional-Order PIDA Controller”**

during the event held on  
16th – 18th December 2025 in Algiers, Algeria.

Author(s): **A.Idir, Y.Bensafia, K.Benaouicha, M.Nestor G.Stefanescu**





Se connecter

Conversation

IFAC  
Papers  
ONLINE  
CONFERENCES PAPER ARCHIVE


IFAC-PapersOnLine

1.8  
CiteScore

Articles & Issues ▾About ▾Publish ▾Order journal ▸

Search in this journal

Guide for authors



INTERNATIONAL FEDERATION  
OF AUTOMATIC CONTROL

### About the journal

Formerly known as [IFAC Proceedings Volumes](#);

In co-operation with IFAC

All papers from IFAC meetings (where IFAC is the main sponsor) are published, in partnership with Elsevier, the IFAC Publisher, in the [IFAC-PapersOnLine series](#) hosted at the [ScienceDirect](#) web service.

The [IFAC-PapersOnLine series](#) has the following main features:

- Diamond ...

[View full aims & scope](#)

FEEDBACK