13th IFAC Conference on Fractional Differentiation and its Applications
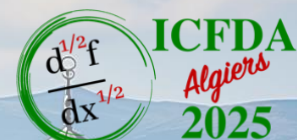## December 15-17 2025, Algiers, Algeria

ICFDA Algiers 2025

icfda2025.sciencesconf.org

The *ICFDA 2025 Conference on Fractional Differentiation and its Applications* is a specialized conference on fractional-order calculus and its applications. It is a generalization of the integer-order ones. The fractional-order differentiation of arbitrary orders takes into account the memory effect of most systems. The order of the derivatives may also be variable, distributed or complex. Recently, fractional-order calculus became a more accurate tool to describe systems in various fields in mathematics, biology, chemistry, medicine, mechanics, electricity, control theory, economics, and signal and image processing. The *ICFDA 2025 Conference will be held In Algiers, Algeria*. The conference will be in face-to-face meetings.

Paper Categories

- Regular paper (R): up to 6 pages in the proceedings
- Survey paper(S): up to 12 pages in the proceedings
- Discussion paper (D): from 2 to 4 pages, for discussing specific topics, particularly from non-academic participants (not to be included in IFAC-PapersOnLine)

Submission Categories

- Regular contributions (R/S/D)
- Open Invited Tracks (R/S/D): focus on specific research topics, accepted after review process
- Tutorials

Important Dates

Jun. 01, 2025	Invited Session proposal deadline
Jun. 15, 2025	Regular / Invited paper submission deadline
Jun. 30, 2025	Tutorial proposal deadline
Jun. 30, 2025	Discussion paper deadline
Sep. 01, 2025	Registration opening
Sep. 15, 2025	Notification of acceptance

Technical Areas in FDA

- Artificial Intelligence
- Automatic Control & Stability
- Biology & Biomedicine
- Earth Science
- Electrical Engineering & Electromagnetism
- Electrochemistry
- Epidemics
- Finance and Economics
- History of Fractional-Order Calculus
- Image Processing
- Mathematical methods
- Mechanics & Viscoelasticity
- Mechatronics
- Physics
- Robotics
- Signal Processing
- Singularities Analysis and Integral Representations
- Special Functions
- System Identification & Modeling
- System Analysis & Integral Representations
- Thermal Engineering
- Variational Principles
- Others

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