

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 at the Ecole Nationale Polytechnique, Algiers, Algeria**. We will celebrate the 21th anniversary of the creation of the first FDA Conference, which was also held in Bordeaux, France 2004.

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

June 01, 2025 Invited Session proposals deadline
June 15, 2025 Regular / Invited papers submission deadline
June 30, 2025 Tutorial proposal deadline
June 30, 2025 Discussion papers deadline
Sept. 15, 2025 Notification of acceptance
Oct. 01, 2025 Final paper submission deadline

Technical Areas in FDA

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

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