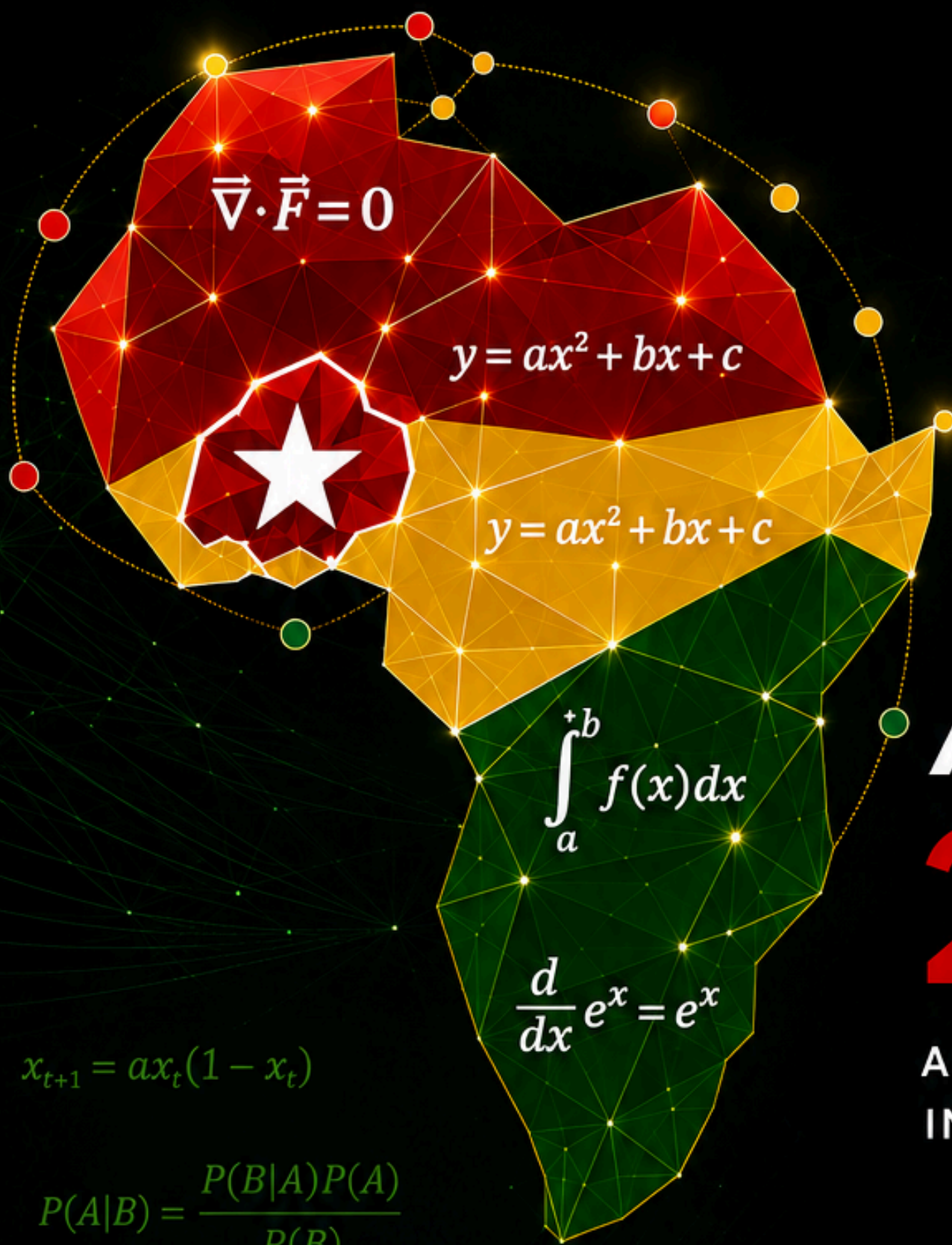




ACIAM 2026

AFRICAN CONFERENCE FOR
INDUSTRIAL AND APPLIED
MATHEMATICS

OUAGADOUGOU ★ BURKINA FASO



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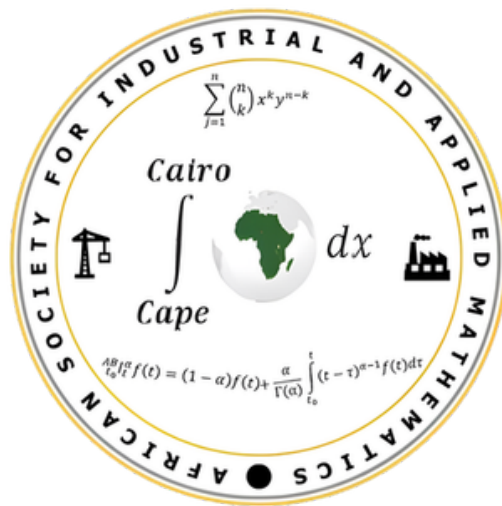
FROM 05-09 OCT
2026



THOMAS SANKARA
UNIVERSITY
OUAGADOUGOU
BURKINA FASO

JOIN US WITH INTERNATIONAL DELEGATES FOR
THE AFRICAN CONFERENCE FOR INDUSTRIAL
AND APPLIED MATHEMATICS

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CONFERENCE BROCHURE



ABOUT THE CONFERENCE

The African Conference for Industrial and Applied Mathematics (ACIAM 2026) is a premier international gathering dedicated to advancing the role of mathematics, computation, and data-driven innovation in solving Africa's most pressing challenges.

Hosted in Ouagadougou, Burkina Faso from 05-09 October 2026 at the Thomas Sankara University, ACIAM 2026 will bring together leading researchers, academics, policymakers, industry pioneers, innovators, and students from across Africa and the world.

Organised under the African Society for Industrial and Applied Mathematics (ASIAM), in collaboration with continental and international partners, ACIAM 2026 continues the mission of strengthening Africa's scientific ecosystem through interdisciplinary collaboration and practical mathematical solutions.

Under the theme: "Mathematics for Resilient Futures: Climate, Health, Industry & Socio-Economic Systems"

The conference will explore how mathematical sciences can drive sustainable development, technological advancement, economic transformation, climate resilience, public health innovation, and industrial competitiveness across the continent.

ACIAM 2026 will provide a dynamic platform for the exchange of cutting-edge ideas in:



Artificial Intelligence &
Scientific Machine Learning



Climate Modeling & Water Security



Computational Mathematics & High-
Performance Computing



Optimization & Industrial Systems



Mathematical Epidemiology &
Health Analytics



Digital Twins & Smart
Infrastructure



Uncertainty Quantification &
Data Science

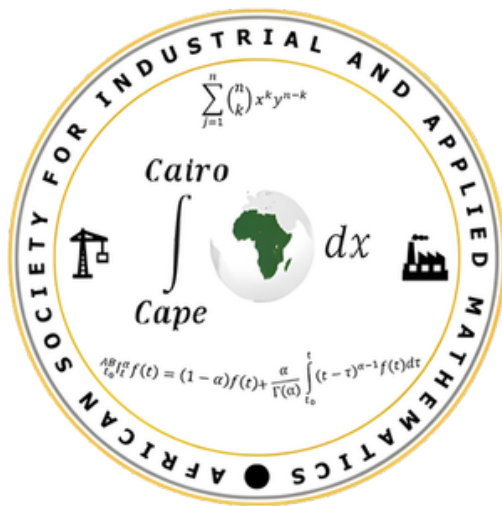


Fractional Models, Network
Science & Complex Systems

The conference will feature plenary lectures, keynote presentations, technical sessions, workshops, student engagement activities, industry showcases, and networking opportunities designed to foster impactful partnerships between academia, government, and industry.

More than a scientific meeting, ACIAM 2026 is a continental movement — one that seeks to position mathematics as a strategic engine for innovation, resilience, and inclusive growth in Africa.

Join us in Ouagadougou as we shape resilient futures through mathematics.



PROF. DR. ABDON ATANGANA

Chair of ACIAM 2026



PROF. DR. OLUWOLE DANIEL MAKINDE

Co-Chair of ACIAM 2026

MESSAGE FROM THE CO-CHAIRS

It is with great pride and enthusiasm that we welcome you to the African Conference for Industrial and Applied Mathematics (ACIAM 2026), taking place from 05-09 October 2026 at the Thomas Sankara University in Ouagadougou, Burkina Faso.

Africa is entering a transformative era defined by rapid technological change, climate uncertainty, evolving health systems, industrial modernization, and increasing demand for sustainable innovation. In this changing landscape, mathematics and computational science have become indispensable tools for understanding complexity, guiding policy, driving industrial competitiveness, and building resilient societies.

ACIAM 2026 is founded on the belief that African-led scientific collaboration can generate practical and impactful solutions to the continent's most pressing challenges. This conference therefore serves not only as a platform for academic exchange, but also as a catalyst for innovation, partnership, and continental progress.

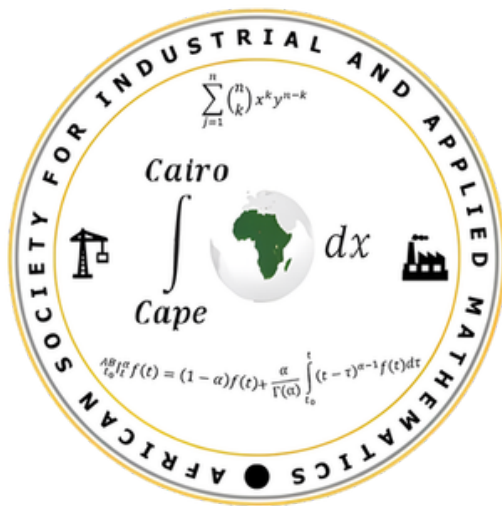
The conference aims to strengthen interdisciplinary collaboration while empowering the next generation of African scientists, innovators, and problem-solvers. Through keynote addresses, plenary sessions, technical workshops, industry showcases, and networking engagements, participants will have the opportunity to exchange ideas, establish partnerships, and contribute to shaping the future of applied mathematics on the continent.

Burkina Faso, with its rich intellectual heritage and growing commitment to scientific advancement, provides an inspiring setting for this important gathering. We are confident that ACIAM 2026 will foster meaningful dialogue, spark new collaborations, and further position Africa as a global contributor to scientific discovery and technological innovation.

We warmly invite researchers, students, policymakers, institutions, development partners, entrepreneurs, and industry leaders to join us in Ouagadougou for what promises to be a landmark event for mathematics, science, and innovation in Africa.

Together, let us transform rigorous thinking into sustainable progress for Africa and the world.

We look forward to welcoming you to ACIAM 2026.



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KEYNOTE SPEAKERS



PROF. WIL SCHILDERS

PRESIDENT OF ECMI & ICIAM;
ADVOCATE FOR INDUSTRIAL &
SOCIETAL MATHEMATICS.
NETHERLANDS



**PROF. GASTON MANDATA
N'GUEREKATA**

UNIVERSITY DISTINGUISHED PROFESSOR AND
ASSOCIATE DEAN AT MORGAN STATE UNIVERSITY
IN BALTIMORE, MARYLAND,
UNITED STATES OF AMERICA



PROF. TAO TANG

HONG KONG UNIVERSITY OF
SCIENCE AND TECHNOLOGY,
HONG KONG

PLENARY SPEAKERS



**PROF. DR. OLUWOLE
DANIEL MAKINDE**

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SOUTH AFRICA



**PROF. ABDON
ATANGANA**

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STATE,
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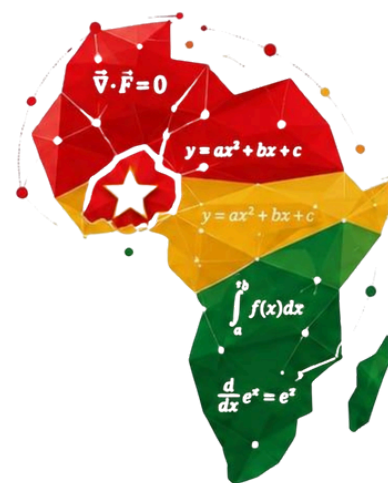
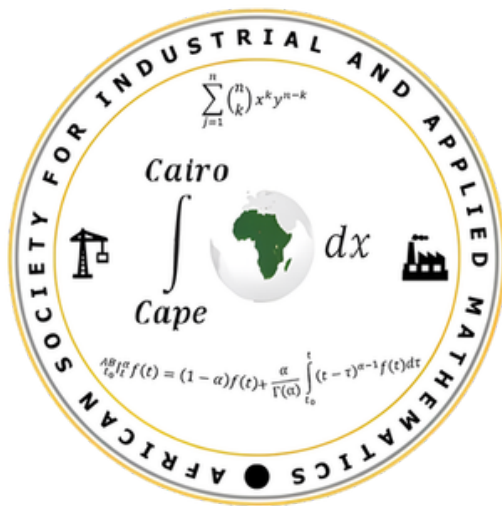
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ETH
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**PROF. MARIE FRANÇOISE
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NATIONAL UNIVERSITY OF
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AFOLABI BAKARE**

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ACADEMY OF SCIENCES ,
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AFRICAN UNIVERSITY INSTITUTE FOR
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**PROF. DR. KOVALNOGOV
VLADISLAV N**

ULYANOVSK STATE TECHNICAL
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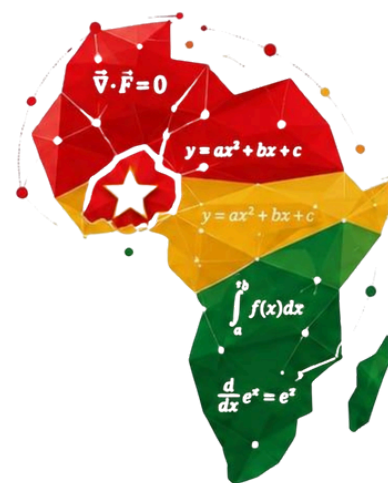
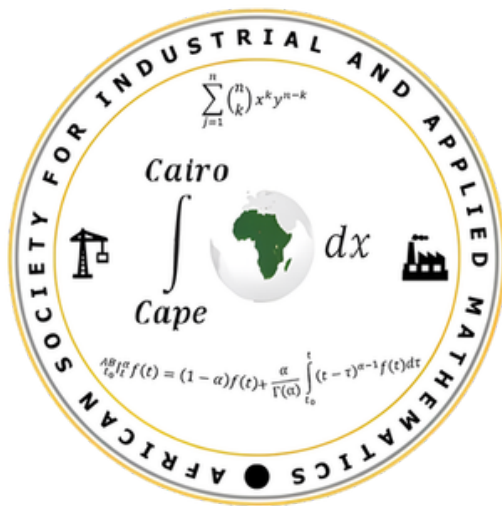
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PROF. GANG MU

SWISS APPLIED MATHEMATICAL SOCIETY,
SWITZERLAND

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NORBERT ZONGO UNIVERSITY
, BURKINA FASO



PROF. ISSA ZABSONRE

OSEPH KI-ZERBO UNIVERSITY,
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FRACTAL TREE (PTY) LTD,
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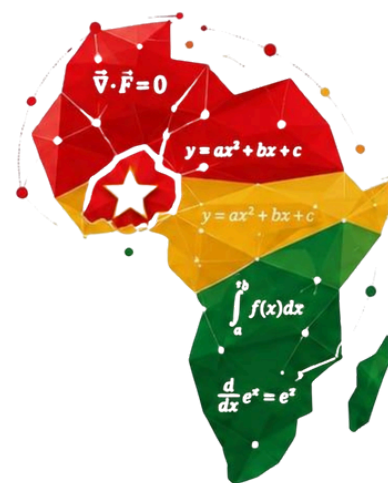
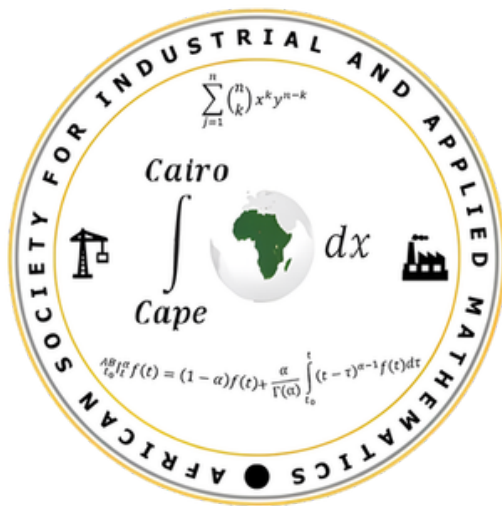
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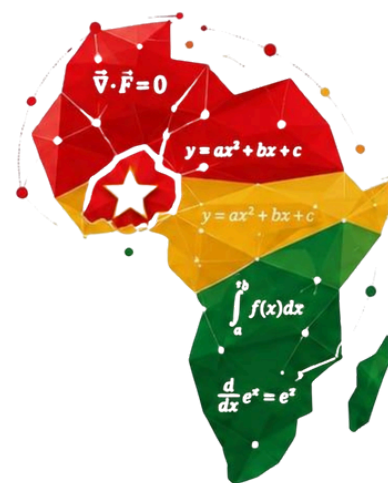
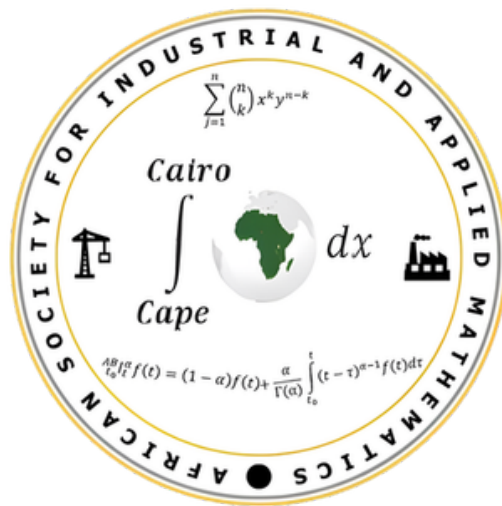
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ACIAM 2026 brings together brilliant minds from across Africa and around the world to advance mathematics, drive innovation, and solve real-world challenges.

Through collaboration, knowledge exchange, and bold ideas, we shape resilient futures and build a stronger, smarter, and more sustainable Africa.

BE PART OF THE MOVEMENT.
BE PART OF THE FUTURE.



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$$f(x) = \sum_{i=1}^n c_i x_i$$

$$\frac{d}{dx} e^x = e^x$$

**Be part of a movement that turns rigours thinking
into tangible progress for Africa and the World**