The Democratic and Popular Republic of Algeria
Ministry of Higher Education and Scientific Research

M'hamed Bougara University of Boumerdes

Faculty of Sciences

Department of physics

ORGANIZE

1st National Conference on Applied Physics (NCAP 2026)

FIRST NATIONAL CONFERENCE ON APPLIED PHYSICS NCAP 2026

From Fundamental Physics to Real-World Applications

Hybrid Onsite-Online

16 and 17 November 2026

Presentation and objectives

The *First National Conference on Applied Physics (NCAP 2026)* is a high-level scientific conference that brings together researchers, academics, engineers, and industry professionals to share recent advances, emerging trends, and practical applications in the field of applied physics.

This conference aims to promote interdisciplinary exchanges and encourage collaboration between fundamental research and technological innovation. NCAP 2026 covers a wide range of topics, including advanced materials and material sciences, energy physics and sustainable technologies, optics, photonics and laser applications, medical physics and biophysics, computational physics and artificial intelligence, as well as sensors, instrumentation, and metrology. Through plenary lectures and oral communications, participants will have the opportunity to present their original research, discuss innovative methodologies, and propose applied solutions to current scientific and societal challenges.

The conference also seeks to strengthen national research networks, encourage young researchers, and promote knowledge transfer between academia and industry. By bringing together experts from various areas of applied physics, NCAP 2026 contributes to scientific development, technological progress, and sustainable innovation at the national level.

Conference Topics

Topic 1: Advanced Materials and Material Sciences

Topic 2: Energy Physics and Sustainable Technologies

Topic 3: Optics, Photonics and Laser Applications

Topic 4: Medical Physics and Biophysics

Topic 5: Computational Physics and Artificial Intelligence

Topic 6: Sensors, Instrumentation and Metrology

Abstract submission

It is our pleasure to invite you to submit your abstracts for NCAP 2026.

The abstracts must be written according to the downloadable template.

All abstracts must be written in English and should be submitted via:

https://docs.google.com/forms/d/15CCovTRdTaWFChd2dpqZk-wAWjIkgw8Cv1szRRIeS28/edit

Accepted and presented abstracts will be published in a proceeding with an ISBN

The submission of abstracts is only available through the seminar website.

For more information, contact us at:

ncap2026@univ-boumerdes.dz

Important dates

- **Abstract submission deadline: 30/08/2026**
- **Acceptance notification: 15/09/2026**
- **Conference dates: 16 and 17/11/2026**

REGISTRATION FEES

Category	Before October 15, 2026	After October 15, 2026	On-line presentation Before October 15, 2026
Students	5000 DA	7000 DA	3000 DA
Scientist/ Research	8000 DA	10000 DA	4000 DA
Industrialist	10000 DA	12000 DA	7000 DA

Participation fees must be paid to the following :

Name: Université de BOUMERDES

CC: 3556 96 Clé 07

rib account: 00835001135000023564

Anyone who has made a payment is asked to send us the transfer receipt to the email address:

ncap2026@univ-boumerdes.dz

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Pr. DAOUI Abdelhakim : Dean of the Faculty of Sciences

Seminar president

Pr. BELHOUCIF Rekia (Univ- Boumerdes)

Seminar Co-president

Dr. TOUBANE Mahdia (Univ- Boumerdes)

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FIRST NATIONAL CONFERENCE ON

APPLIED PHYSICS

NCAP 2026

From Fundamental Physics to Real-World Applications

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