

الجمهورية الجزائرية الديمقراطية الشعبية
PEOPLE'S DEMOCRATIC REPUBLIC OF ALGERIA
M'hamed Bougara University of Boumerdes
Faculty of Sciences
Department of Physics



1stNational Conference on Applied Physics



16 and 17 November 2026
NCAP 2026

HONORARY PRESIDENTS

- **Pr. ABDELBAKI Nouredine**: Rector of M'hamed Bougara University of Boumerdes
- **Pr. DAOUI Abdelhakim** : Dean of the Faculty of Sciences

SEMINAR PRESIDENT

- **Pr. BELHOUCIF Rekia**

SEMINAR CO-PRESIDENT

- **Dr. TOUBANE Mahdia**
- **Dr.KADDOURI Farah**

ABOUT THE CONFERENCE

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.

IMPORTANT DATES

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

ABSTRACT SUBMISSION

Authors are invited to submit abstracts not exceeding 250 words, following the specified format available on the conference website. Abstracts may be submitted on any of the listed topics. At least one author or co-author must register for the conference to present the paper.

An abstract proceedings publication with an ISBN number will be produced; including all accepted and presented papers.

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

<https://ncap2026.univ-boumerdes.dz/index.php#registration>

CONFERENCE TOPICS

Topics of interest include:

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

LANGUAGE

English is the language of the conference

PROGRAM

The program of NCAP26 includes:

- Plenary conferences (30 minutes)
- Oral communications (15 minutes)
- Posters session
- An exhibition of startups and industrials

SCIENTIFIC COMMITTEE

- Chair of the Scientific Committee: **Dr. KADDOURI Farah**
- Vice-Presidents of the Scientific Committee: **Dr. LAMRANI Sabrina**

- **Members:**

Pr. ABAIDIA Seddik El Hak	Univ-Boumerdes
DR. AMARA El-Hachemi	CRNN-Algiers
Pr. BELHOUCIF Rekia	Univ-Boumerdes
Pr. BENSOUICI Fayçal	Univ-Khenchela
Pr. BLIZAK Djanette	Univ-Boumerdes
Pr. BLIZAK Salah	Univ-M'Sila
Pr. BOUCETTA Rachid	Univ-Boumerdes
Pr. BOUHAFS Bachir	Univ-Sidi Bel Abbes
Pr. BOURAHILA Boualem	Univ-Tizi-Ouzou
Pr. BOURAHILA Boualem	Univ-Tizi-Ouzou
Pr. CHERFI Abdelhamid	Univ-Boumerdes
Pr. DJEBILI Omar	Univ-Boumerdes
Pr. DOKHANE Nahed	Univ-Boumerdes
Pr. GUERFI Tarek	Univ-Boumerdes
DR. GUITTOUM Abderrahim	CRNA-Algiers
Pr. HATEM Djedjiga	Univ-Tizi-Ouzou
Pr. HAZEM Rafik	Univ-Boumerdes
Pr. KELLOU AbdelHamid	USTHB-Algiers
Pr. KHARFI Fayçal	Univ-Sétif
Pr. MAHMOUD YUCEF Mahmoud	Univ-Sidi Bel Abbes
DR. MEBARKI Mourad	CRTSE- Algiers
Pr. MAZOUZ Hadj Moulay Ahmed	Univ-Boumerdes
Pr. NOUR Abdelkader	Univ-Boumerdes
Pr. SACI Rachid	Univ-Boumerdes
Pr. TOUMI Sihem	Univ-Boumerdes
Pr. ZABAT Mokhtar	Univ-Boumerdes

Pr. ZAMOUM Mohamed	Univ-Boumerdes
Dr. AYOUB Katia	CRTSE- Algiers
Dr. AMROUCH Samah	Univ-Tizi-Ouzou
Dr. AZIZI Assia	Univ-Constantine
Dr. BENHAOUA Feyrouz	Univ-Boumerdes
Dr. BOUAOUINA Boudjemaa	Univ-Boumerdes
Dr. BOUKHERROUB Nadia	Univ-Boumerdes
Dr. HASNAOUI Hamza	CRNA-Algiers
Dr. HEMMOUS Messaoud	CRNA-Algiers
Dr. IACHACHENE Farida	Univ-Boumerdes
Dr. IFIRES Madjid	CRTSE-Algiers
Dr. KACEL Taous	CRTI-Algiers
DR. KERMAD Amina	CRAPC - Algiers
Dr. MEGHLAOUI Leila	Univ-Constantine
Dr. MEKEDEM Abdallah	CRTSE-Algiers
Dr. MESSAID Bachir	Univ-Boumerdes
Dr. SEMAOUI Smail	CDER-Algiers
Dr. TOUBANE Mahdia	Univ-Boumerdes
Dr. TOUZOUIRT Saida	Univ-Boumerdes
Dr. ZIOUCHE Aicha	CRTI-Algiers

ORGANISATION COMMITTEE

- Chair of the organizing committee: **Dr. BOUKHERROUB Nadia**
- Vice-president of the organizing committee: **Dr. CHOULI Souad**

- **Members:**

Dr. ABDELBAKI Hicham	CRTSE-Algiers
Dr. AICHE Amina	Univ-Tizi Ouzou
Dr. AIMEUR Kamel	Univ-Boumerdes
Dr. BENMAIZA Abdelkader Lalmi	Univ-Boumerdes
Dr. BENYEKHEF Mostapha	Univ-Boumerdes
Dr. BRAHMA Kenza	Univ-Boumerdes
Dr. BRINIS Drifa	Univ-Boumerdes
Dr. CHABIRA Fares	Univ-Boumerdes
Dr. HAOUNOUH Djedjega	Univ-Tizi Ouzou
Dr. HASSAINE Marzak	Univ-Boumerdes
Dr. KADDOURI Farah	Univ-Boumerdes
Dr. LAMRANI Sabrina	Univ-Boumerdes
Dr. MOKEDDEM Kamel	Univ-Boumerdes
Dr. MZIR Tawous	Univ-Boumerdes
Dr. NASRI Azeddine	Univ-Boumerdes
Dr. REMLI Samia	Univ-Boumerdes
Dr. SERSOUR Zakia	Univ-Boumerdes

Dr. TADJNANT Yasmine	Univ-Boumerdes
Dr. ZALOUK Djedjiga	Univ-Tizi Ouzou
BELAID Ibtissem	ENS-Kouba
BESSAAD Asma	Univ-Alger
BOUDRA Naziha	Univ-Boumerdes
DJAOUABI Imane	ENS-Kouba
GHERRAS Nassiba	Univ-Boumerdes
LATEB Nouria	Univ-Boumerdes
OUBAGHA Rabah	Univ-Boumerdes

SPEAKERS

Pr. ABAIDIA Sadek El hak	Univ- Boumerdes
DR. AMARA El-Hachemi	CRNN-Algiers
Dr. BELKACEMI Djamel	Univ- Boumerdes
DR. GUITTOUM Aberrahim	CRNA-Algiers
Pr. HATEM Djedjiga	Univ-Tizi-Ouzou
Pr. KELLOU Abdelhamid	Univ-USTHB-Algiers
Pr. KHARFI Fayçal	Univ-Sétif
Pr. SACI Rachid	Univ- Boumerdes

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

CONTACT

Email: ncap2026@univ-boumerdes.dz

Site web : <https://ncap2026.univ-boumerdes.dz>

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