

About the Conference

NCPSLM 2026 brings together researchers, academics, and industry specialists in photonics, optical spectroscopy, and luminescent materials doped with rare-earth elements. The conference provides a platform to share cutting-edge research, exchange scientific ideas, and foster collaborations in optical materials, rare-earth luminescence, and photonic devices.

The conference supports both in-person and virtual participation, allowing attendees worldwide to join presentations, workshops, and discussions.

Topics areas for consideration include

1.Synthesis and Characterization of Luminescent Materials

- Rare-earths elements doped materials (single crystals, glasses, thin films, nanomaterials)
- Organic, inorganic, metalo-organic and hybrid materials

2. Photonics and Optical Devices applications

- Lasers and optical amplifiers
- Scintillators, sensing, and thermographic phosphors
- LEDs, OLEDs, and plasmonic light sources
- Photovoltaic and other photonic devices

3. Computational Modeling and Simulations

- Predictive modeling of optical and luminescent properties in materials doped with rare-earth elements (from crystal-field splitting to emission spectra)
- Ab-initio and density functional theory (DFT) calculations for rare-earth element doped materials (including treatment of 4f electrons, doping sites, and host-dopant interactions)

- Modeling of photonic and optoelectronic device performance using rare-earth element-doped materials (e.g., amplifiers, lasers, scintillations, and phosphors)

Special Workshop / Atelier

Spectroscopic Techniques for Rare-Earth Luminescent Materials

This workshop provides hands-on experience and theoretical background on the characterization of rare-earth doped materials:

- UV-Vis and IR Spectroscopy – absorption properties and energy levels
- FTIR Spectroscopy – vibrational modes and host lattice interactions
- Photoluminescence Spectroscopy – emission, upconversion, and energy transfer processes

EVENT FORMAT

Hybrid Conference – In-person & Online Participation Available

Participation feeswithout accommodation

Quality	Amount
Algerien researchers	5.000 DA
PhD students	3000 DA
Others	10.000 DA

Ministry of Higher Education and Scientific Research
ENSET–Skikda, Algeria



CALL FOR PAPERS



The 1st National Conference on Photonics, Spectroscopy and Luminescent Materials

(NCPSLM 2026)

December 01– 02, 2026

Honorary General Chair

Dr. BOUDJAADAR Djamel

Director of the School

Manifestation President

Dr. Boubekri Hani

ENSET Skikda

Important Dates

•**Submission Deadline** October 30, 2026

•**Notification of Acceptance** November 20, 2026

•**Conference Dates** December 1–2, 2026

CONFERENCE WEBSITE

<https://ncpslm.dws.enset-skikda.dz:8071>

Conference committees

Scientific Committee

chair Dr.Lakhdar Guerbous - CRNA-Algiers
Guittoum A/Rahim - CRNA-Algiers
Diaf Madjid - Annaba Univ
Djamel Boudjaadar - ENSET Skikda
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Samir romdhane - Carthage Univ, Tunisia
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Boulma El-haine - Annaba Univ
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Ghamid Esebti - Annaba Univ
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Samir Meskaldji - ENSET Skikda
Hamroun Mohamed Salah-Eddine - CRAPCI-Tlemcen
Kahouadji Badis - Bédjaia-Univ
Baadji Nadjib - M'sila-Univ
Mahroug AbdelHafid - M'sila-Univ
Soltani Mohamed Toufik - Biskra-Univ
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Hessainia Amara - ENSET Skikda
Reda Fartas - Guelma Univ
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Chebli A. Alhak - ENSET Skikda
Amel Cheddadi - Om El Bouaghi - Univ
Hacene bendjeffal - ENSET Skikda
Badboudi Hayette- ENSET Skikda

Organizing Committee

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Saifi ilhem - ENSET Skikda
Taibi sihem - ENSET Skikda
Abes fairouz - ENSET Skikda
Reyan Bendif - ENSET Skikda
Bourbia Amel -ESTI Annaba

Instructions

All submissions must present original and unpublished work that is not currently under consideration elsewhere. Submissions can have up to 8 pages formatted according to the standard [IEEE two columns template](#)

Accessing the templates:

[Microsoft Word](#)

[LaTeX Template](#)

[Overleaf](#)

Policies

All submissions should be full paper in English, original, and plagiarism-free, i.e., they should not have been previously published in any conference proceedings, book, or journal and should not currently be under consideration elsewhere.

Review Criteria

Papers should present new ideas related to the topics described in this call for papers, motivated by problems from current practice or applied research. Both theoretical and applicative contributions should be highlighted, substantiated by formal analysis, simulation, experimental evaluations, or comparative studies, etc. All submissions will be rigorously peer-reviewed and evaluated based on their quality, originality, soundness, significance, presentation, and understanding of the state of the art.

► Submit via link:

<https://cmt3.research.microsoft.com/NCPSLM2026>

For inquiries & submissions:

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<https://ncpslm.dws.enset-skikda.dz:8071/>

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