

HONNORARY CHAIRMAN

Pr. MOCHAAL YOUNES

Rector of U. Mascara

Dr. Mohamed elAmine BAKHTI

Dean of FES

CONFERENCE CHAIR

Dr. Abdelkader ZAGANE

Head of MATHMATICS
DEPARTMENT



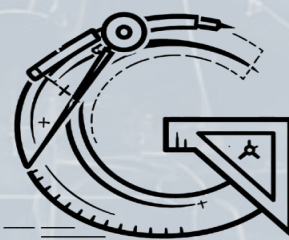
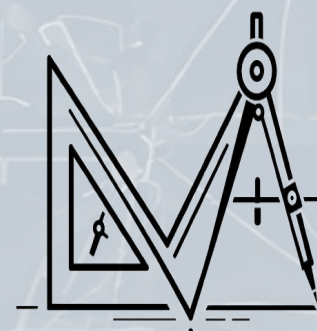
People's Democratic Republic of Algeria
Ministry of Higher Education and Scientific Research
Mustapha Stambouli University, Mascara
Faculty of Exact Sciences

THE DEPARTMENT OF MATHEMATICS

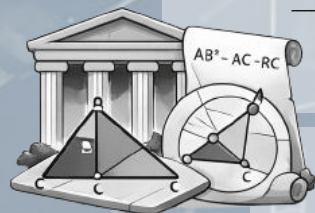
ORGANIZES with the collaboration of



1st NATIONAL CONFERENCE ON



athematical eometry



1st NC-MAGE Hybrid on April 15-16 - 2026

CONFERENCE OBJECTIVES

Advanced geometric theories and modern analytical methods are fundamental to contemporary mathematical research and its interdisciplinary applications. From Riemannian structures and differential geometry to analysis and algebra on manifolds, as well as artificial intelligence applications in mathematics, geometric sciences contribute significantly to scientific progress and technological innovation.

Strengthening national research in mathematical geometry is essential to promote scientific excellence, innovation, and collaboration between theoretical and applied disciplines.

The objectives of MG-2026 are centered on advancing the field of mathematical geometry through:

Showcase recent advances in Riemannian structures, differential geometry, analysis, and algebra on manifolds; Explore innovative applications of artificial intelligence in mathematical research; Provide a forum for researchers to exchange knowledge and best practices; Encourage interdisciplinary collaboration across geometry, analysis, algebra, and computational sciences; Identify current challenges and emerging research directions in modern geometry.

The program will include keynote lectures, research presentations, thematic sessions, and scientific discussions designed to promote high-level academic exchange and collaboration.

MG-2026 is open to undergraduate, Master's, and PhD students, academic researchers, research laboratories, and specialists working in geometry, analysis, algebra, and AI-driven mathematical modeling.

CONFERENCE TOPICS

Submissions are invited in the following areas but not limited to:

I. Riemannian Structures

- ✦ Riemannian manifolds and curvature theory
- ✦ Geodesics and connections
- ✦ Global Riemannian geometry
- ✦ Geometric structures related to mathematical physics

II. Differential Geometry

- ✦ Local and global theory of differentiable manifolds
- ✦ Submanifold theory
- ✦ Geometric flows
- ✦ Symplectic and contact geometry

III. Applications of Artificial Intelligence Models in Mathematics

- ✦ AI-assisted theorem proving
- ✦ Machine learning in geometric analysis
- ✦ Computational geometry and intelligent modeling
- ✦ Data-driven mathematical discovery

IV. Analysis on Differentiable Manifolds

- ✦ Differential operators on manifolds
- ✦ Partial differential equations
- ✦ Harmonic and spectral analysis
- ✦ Functional analysis in geometric contexts

V. Algebra on Differentiable Manifolds

- ✦ Lie groups and Lie algebras
- ✦ Cohomology theories
- ✦ Fiber bundles
- ✦ Algebraic structures interacting with geometry

SCIENTIFIC COMMITTEE CHAIR

Pr. MOHAMED CHERIF Ahmed U. Mascara
Dr. CHERIFA BOUDIA U. Mascara

SCIENTIFIC COMMITTEE

LATI Fethi	U. Naama
ZAGANE Abderrahim	U. Relizane
DJAA Nour elhoda	U. Relizane
BELARBI Lakhal	U. Mostaganem
ELHENDI Hichem	U. Bechar
ZEGGA Kaddour	U. Mascara
BELDJILALI Elgherici	U. Mascara
BAYOUR Benaoumer	U. Mascara
BOUZIR Habib	U. Mascara
FRAKIS Abdelkader	U. Mascara
BENMERIEM Khalad	U. Mascara
SEGRESS Abdelkader	U. Mascara
SENOUSSI Bendhiba	U. Mostaganem
BENHAOUA Kamel	U. Mascara
ZEGLAOUI Ahmed	USTHB
HANIFI Zoubir	ENS Oran
MEKKI Mohamed Elamine	U. Mascara
MALIKKI Youssef	U. Tlemcen
BELKHELFA Mohammed	U. Mascara



REGISTRATION FEE

Student:	2000 Da
Academic:	4000 Da

ORGANIZATION COMMITTEE CHAIR

Dr. HASSNI Abdelbasset U. Mascara
Dr. ZAGANE Mohammed U. Mascara

ORGANIZATION COMMITTEE

KADI Fatima Zohra	U. MASCARA
Merdji Bochra	U. MASCARA
MOUFFOKI Khadidja	U. MASCARA
OUADDAH Abdelhamid	U. MASCARA
BOUCHENAK Ahmed	U. MASCARA
BOUKHARI Halima	U. MASCARA
OKBANI Hadjer	U. MASCARA
GHERIB Fatiha	U. MASCARA
BENKARTAB Aicha	U. MASCARA
BOUDIA Cherifa	U. MASCARA
ZAGANE Mohammed	U. MASCARA
BOUFERA Hadya	U. MASCARA

CONFERENCE DEADLINES

Final Abstract Submission

1st April

Notification of Acceptance

9th April

Date of the Conference

15-16th April

SUBMISSION GUIDELINES

Proposals should address the theme and/or sub-theme, and be written in English or Arabic, and should be original and have not been published before.

Guidelines for abstracts

Length: 250-300 words

Title: in bold 14 point Times New Roman

Theme: Address the theme (I, II or III) Authors' affiliations (not more than 5 authors), italic 10 point Times New Roman

The affiliation should contain:

Name of the institution(s)

Address(es) of the institution(s)

E-mail address(es) of the principal author

Text:

Use 1.5 line spacing, Times New Roman font, and font size 12

Keywords:

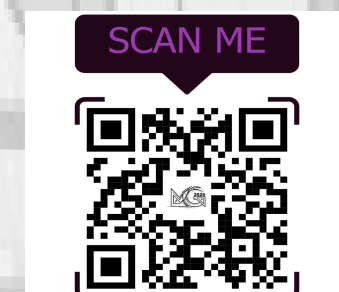
Provide 5 to 6 relevant keywords.

Online Submission


Interested authors are invited to register and submit their contributions via the following Google Form:

<https://forms.gle/ZAowMQwYkVUgDowr8>

You may also access the registration and submission form by scanning the QR code below.



For more information, please contact us at:

 nc-mage@univ-mascara.dz