

## The Faculty of Applied Sciences - Ouarzazate and

## The Faculty of Applied Sciences - Taroudant

### “The Anti-Atlas copper Belt” Project

In collaboration with

The Social Affairs Association for Employees and  
Teachers of the Polydisciplinary Faculty of  
Taroudant

Organize

## The 13 International Symposium «Magmatism, Metamorphism and Associated Mineralizations, 3MA-13»

### First Circular



April 27-29, 2027  
Ouarzazate, Morocco

## Presentation

After having successfully hosted the 4th and 9th editions of the International Symposium “**Magmatism, Metamorphism and Associated Mineralizations**” (3MA), respectively in 2005 and 2015, Ibn Zohr University is honored to once again host this important international scientific event. In this context, the Faculty of Applied Sciences - Ouarzazate (FSAO) and the Faculty of Applied Sciences - Taroudant (FSAT) are joining forces to organize the 13<sup>th</sup> edition of the 3MA Symposium. The FSAO and FSAT are therefore delighted to welcome geoscientists from around the world from 27 to 29 April 2027, to discuss issues related to magmatic and metamorphic processes and ore mineralizations: sources, conditions of formation and crystallization, geodynamic settings, and the concentration of metals into economically exploitable ore deposits.

This 13<sup>th</sup> edition will also constitute a privileged platform for exchanges between the academic community and mining operators on new exploration approaches and innovative exploitation techniques, while promoting the development of scientific collaborations and partnerships at the international level.

## Topics

**Magmatism:** Geological processes in petrology: genesis and geotectonic environments of magmas originating from the mantle and those generated within the Earth's crust.

**Metamorphism:** Relationships with tectono-magmatic events and thermo-barometric evolution in the lithosphere.

**Mineralization:** Different approaches to analyzing magmatic, hydrothermal and alteration processes that give rise to metallic deposits: mapping, mineralogy, geochemistry, isotopes, thermometry, etc.

**Meteorites** and planetary science: Exploration of our solar system through meteorites and the different planets using various methods: imaging, petrology, geochemistry, etc.

**Geomatics:** Data analysis and modeling for mapping and mineral exploration.

**Geomaterials** and useful substances: Advances in geotechnical science for optimal and environmentally sound resource exploitation.

## Registration

- Researchers: **1500 MAD** ( $\approx$  150 €)
- Students: **1000 MAD** ( $\approx$  100 €)
- Other participants: **2000 MAD** ( $\approx$  200 €)

Registration fees and participation fees for the field trips should be paid by bank transfer to the account of the Social Affairs Association for Employees and Teachers of the Polydisciplinary Faculty of Taroudant, Morocco.

**RIB: 310 041 1038122704312701 88**

**IBAN: MA64310 041 1038122704312701 88**

**SWIFT: BKAMMAMR**

**Bank: Trésorerie Générale du Royaume**

Participants are kindly requested to inform the Symposium Secretariat of the payments they have made.

## Field Trips

At the end of the symposium, two post conference field trips are proposed. The four-day program includes a transect across the Paleoproterozoic basement and its Neoproterozoic to Paleozoic cover in the Anti-Atlas belt, as well as guided visits to mining districts:

- **Field trip 1:**  
Imini (Mn), Bou Azzer (Co-Ni), and Bleïda (Cu).
- **Field trip 2 :**  
Imini (Mn), Zgounder (Ag), and Tizert (Cu).

**Attendance:** Minimum **10 participants**

**Registration Fees:** **4,500 MAD**. These fees include guidebook, transportation, full board, and accommodation (single rooms): 4 days, 4 nights.

## Organizing Committee

**Said Ilmen (FSAO) - Mustapha Souhassou (FSAT)**  
Lahcen Ousaid (FSAO) - Fouad Lotfi (FSAT) - El Morjani Zine El Abidine (FSAT) - Saad Aicha (FSAT) - Zgou Hsaine (FSAO) - Darmane Yassine (FSAO) - Majorate Khalid (FSAT) - Gharbi Said (FSAT) - Fatima Ouzahim (FSAO) - Askkour Fatiha (FSA) - Jabbour Marieme (FSA) - Ikenne Moha (FSA).

## Scientific Committee

Aissa Mohamed, FS Meknès, Morocco  
André-Mayer A. S., Univ. Nancy, France  
Arenas Ricardo, Univ. Madrid, Spain  
Baidada Bouchra, EST Fkih Bensalah, Morocco  
Barakat Ahmed, FST Beni Mellal, Morocco  
Barbey Pierre, Univ. Nancy, France  
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Chell-Michou Cyril, ETH Zurich, Switzerland  
Chennaoui Hasnaa, FSAC Casablanca, Morocco  
Cordier Carole, Univ. Grenoble-Alpes, France  
Cousens Brian, Univ. Carleton, Canada  
Dilek Yeldirim, Univ. Miami, USA  
Delvaux Damien, Royal Museum Afr. Cent., Belgium  
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Dubois Michel, Univ. Lille1, France  
EL ATI ALLAH Abdessamad, Dir. Géol, Morocco  
El Basbas Abdelaziz, ENSMR Rabat, Morocco  
El Bilali Hafida, Univ. Carleton, Canada  
El Ghali Abdellatif, UM6P Benguerir, Morocco  
El Haibi Hind, FSSM Marrakech, Morocco  
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Errami Ezzoura, FS El Jadida, Morocco  
Essalhi Mourad, FS Rabat, Morocco  
Garcia-Casco Antonio, Univ. Granada, Spain  
Gasquet Dominique, Univ. Grenoble-Alpes, France  
Gmira Abderrazzak, Aya Gold & Silver, Morocco  
Géraud Yves, ENSG, Univ. Nancy, France  
Hafid Ahmid, FST Marrakech, Morocco  
Haissen Faouziya, FSBM Casablanca, Morocco  
Hajjar Zaineab, FS Rabat, Morocco  
Hibti Mohamed, FST Marrakech, Morocco  
Ikenne Moha, FS Agadir, Morocco  
Ilmen Said, FSAO Ouarzazate, Morocco  
Karaoui Brahim, FST Errachidia Morocco  
Levresse Gilles, UNAM, Mexico  
Lotfi Fouad, FSAT Taroudant, Morocco  
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Madi Athman, MANAGEM Group, Morocco  
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Montero Pilar, Univ. Granada, Spain  
Morjani Zine Elabidine, FSAT Taroudant, Morocco  
Ouguir Hassan, FS Meknès, Morocco  
Oukassou Mostafa, FSBM Casablanca, Morocco

Prokopyev Ilya, Acad. Sciences, Moscow, Russia  
Saddiqi Omar, FSAC Casablanca, Morocco  
Sadki Othman, OHNYM Rabat, Morocco  
Saidi Abdellatif, FST Marrakech, Morocco  
Saintilan Nicolas, Univ. Alabama, USA  
Schönig Jan, Univ Gottingen, Germany  
Söderlund Ulf, Univ. Lund, Sweden  
Souhassou Mustapha, FSAT Taroudant, Morocco  
Touil Ahmed, FST Marrakech, Morocco  
Toummite Abdesslam, FST Errachidia, Morocco  
Youbi Nasrddine, FSSM Marrakech, Morocco  
Zoheir Basem Ahmed, KFUPM, Saudi Arabia  
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## Contact

### Coordination

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### Secretariat

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- Website: [3ma13-2027.uiz.ac.ma](http://3ma13-2027.uiz.ac.ma)

## Dates & Deadlines

- Registration: **October 30, 2026**
- Second Circular : **November 30, 2026**
- Submission deadlines: **January 15, 2027**
- Acceptance notification and program: **March 1, 2027**
- Symposium dates : **April 27–29, 2027**

## Registration Form

**The 13 International Colloquium  
«Magmatism, Metamorphism and Associated  
Mineralizations»**

**April 27–29, 2027  
Ouarzazate, Morocco**

Full Name: \_\_\_\_\_  
Affiliation: \_\_\_\_\_  
Address: \_\_\_\_\_  
Country: \_\_\_\_\_  
E-mail: \_\_\_\_\_

☐ I would be interested in attending the Symposium

☐ I plan to present my work as:

☐ Oral

☐ Poster

Tentative title:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

I wish to participate to the field trip

Yes

☐

No

☐

Field trips:

1 ☐

2 ☐

Please send this completed form to 3MA-13 Symposium Secretariat by e-mail to [colloque\\_3MA\\_2027@uiz.ac.ma](mailto:colloque_3MA_2027@uiz.ac.ma), or fill in your information and upload your abstract using the following link: [Registration Form](#)

Abstracts should be submitted by e-mail to the Symposium Secretariat or uploaded directly online. Instructions for authors are provided in the attached template.