



HELD UNDER THE PATRONAGE OF HIS EXCELLENCY ABDEL FATTAH EL SISI, PRESIDENT OF THE ARAB REPUBLIC OF EGYPT



EGYPT  
MINING  
FORUM

HOSTED BY



28 - 29 SEPTEMBER 2026 | THE ST. REGIS NEW CAPITAL, CAIRO



**TECHNICAL CALL FOR PAPERS BROCHURE**

# UNLOCKING EGYPT AND THE ARABIAN NUBIAN SHIELD'S EXPLORATION POTENTIAL

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# TECHNICAL CONFERENCE

The Technical Conference at the Egypt Mining Forum focuses on geoscience, exploration technologies, and operational excellence, providing a structured assessment of the latest advancements shaping modern mineral exploration across regional and global markets.

Developed in collaboration with leading geologists, geophysicists, exploration managers, and technology innovators, the programme delivers expert-led insights and applied case studies highlighting emerging trends and best practices driving commercially viable mineral discoveries.



## TECHNICAL CATEGORIES



1 ARABIAN NUBIAN SHIELD GEOLOGY



5 GEOCHEMISTRY & LAB SAMPLING



2 GEOPHYSICAL METHODS



6 EXPLORATION TO MINE DEVELOPMENT



3 EXPLORATION TECHNOLOGIES & INNOVATION



7 MINE OPERATIONS



4 ADVANCES IN DRILLING



8 NEXT-GEN WORKFORCE

**SHAPE EGYPT'S MINING TECHNICAL AGENDA  
SUBMIT YOUR ABSTRACTS BY THURSDAY  
26 MARCH 2026**

 [egyptminingforum.com/cfp](https://egyptminingforum.com/cfp)

 [conference@egyptminingforum.com](mailto:conference@egyptminingforum.com)

 +971 (0) 4 248 3210



### ARABIAN NUBIAN SHIELD GEOLOGY

- Geological evolution of Egypt and the Arabian–Nubian Shield
- Comparative studies across different parts of the Shield
- Mapping and mineral potential assessment within the Shield
- Exploration implications for Greenfield and Brownfield terrains
- Targeting and evaluation of critical minerals within the region
- Structural and economic geology applications of the Shield



### GEOPHYSICAL METHODS

- Airborne magnetic, gravity, and radiometric surveys
- Seismic and electromagnetic methods for subsurface imaging
- Ground-based and drone-assisted geophysical applications
- Data integration, inversion, and interpretation techniques
- Seismic methods and exploration seismic methods for subsurface characterisation



### EXPLORATION TECHNOLOGIES & INNOVATION

- Emerging technologies in mineral targeting and prospecting
- Subsurface intelligence and technological innovation
- GIS and remote sensing
- Intelligent mining solutions - the use of AI in ground selection
- Geoscience data Integration for mineral exploration



### ADVANCES IN DRILLING

- Innovative drilling techniques for hard rock and frontier terrains
- Core recovery optimisation and sample quality assurance
- Drilling automation, robotics, and safety innovations
- Integration of geotechnical and geological data from drilling
- Planning an effective drilling campaign



### GEOCHEMISTRY & LAB SAMPLING

- Soil, rock, and stream sediment geochemistry for mineral exploration
- Geochemical vectoring and pathfinder element analysis
- Portable analytical tools
- Laboratory innovations and quality assurance/quality control protocols
- Geochemical databases and data interpretation best practices



### EXPLORATION TO MINE DEVELOPMENT

- Transitioning from exploration to feasibility and mine development
- Resource estimation, classification, and reporting standards
- Geological inputs to mine design, planning, and optimisation
- Case studies of successful projects that have moved from discovery to full scale production



### MINE OPERATIONS

- Mine design, planning, and scheduling optimisation for productivity and safety
- Open-pit and underground mining methods and engineering solutions
- Equipment performance, maintenance strategies, and cost control
- Mineral extraction, material handling, and haulage efficiency
- Automation, digital mine management, and real-time monitoring systems
- Sustainable and responsible mining practices; ethical governance and environmental stewardship




### NEXT-GEN WORKFORCE

- Workforce upskilling and reskilling
- Collaboration between universities, industry and government
- Gender and youth engagement in mining careers
- The role of leadership and career development in mining
- Talent acquisition strategies
- People management and continuous development
- Strategic HR management and planning

SHOWCASE APPLIED EXPERTISE AND TECHNICAL INNOVATION  
SUBMIT YOUR ABSTRACTS BY THURSDAY 26 MARCH 2026

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# CALL FOR PAPERS GUIDELINES

All submitted technical abstracts will be reviewed by the Forum Technical Committee. Early submission is important to ensure the Committee members have ample time to review the abstracts.

Authors are strongly encouraged to submit their abstracts online at: [egyptminingforum.com/CFP](http://egyptminingforum.com/CFP) before **Thursday 26 March**

## ABSTRACT SUBMISSIONS

- Abstracts should include up to 500 words and be written in English. Any entry submitted in a different language will not be considered.
- You are welcome to include additional information, such as illustrations, graphs or tables, as attachments.
- Please do not submit the same abstract more than once. If you believe your abstract is relevant to multiple categories, please select one that is the best fit.
- One person can submit multiple abstracts within the same category or across multiple categories. However, please do not submit the same or slightly modified abstracts multiple times, as they will be removed.
- Prior to abstract submissions – management clearance must be obtained. Any issues concerning clearance should be outlined when the abstract is submitted.
- If you have presented this abstract previously, you can still submit but you will need to provide details of when and where it was presented before and look to include updated material since original presentation.

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## CALL FOR PAPERS TIMELINE

- 1 Call for papers opens**  
Wednesday 14 January
- 2 Call for papers closes**  
Thursday 26 March
- 3 Author notification**  
May
- 4 Egypt Mining Forum 2026 opens**  
Monday 28 -  
Tuesday 29  
September

## ABSTRACT CONTENT

Your abstract should contain adequate information for review by the Technical Committee including:

- **Description:** Summarise the scope and nature of the work upon which the abstract is based, e.g. mine data, lab data, original analysis, technology, innovation.
- **Applications:** Describe the possible application of the information provided in the abstract.
- **Results and conclusions:** Summarise the results and major conclusions to be presented, state specific conclusions of the work and how these differ from previous work on the same subject. State whether new information will be revealed and whether data from the mine, refinery, plant, lab, pilot project will be included.
- **Technical contributions:** Describe the significance of the subject matter in the abstract by listing technical contributions or additions to the technical knowledge relevant to the mining industry.

## GRADING CRITERIA

Your abstracts will be evaluated by the Technical Committee members according to the following grading criteria:

- **Impact and results:** What industry or organisational impact does your work have? Please include relevant results and/or case studies.
- **Novelty and technicality:** Your abstracts should demonstrate innovation and originality, and contain significant new knowledge, technical results, or experience. Data relating to technical applications should be described and explained.
- **Interest and relevance:** How relevant are your submissions to the current state of the mining industry? How interesting is the subject matter to the Forum audience and the industry overall? Will it grab their attention?

## GUIDELINES FOR ACCEPTED ABSTRACTS

- You will be notified in May if your abstract has been accepted. All authors who submitted their abstracts will receive an email stating if their abstracts have been accepted or not.
- The Forum does not require authors to submit their technical papers (manuscripts), as we do not publish these.
- The organiser assumes no obligation for expenses by authors for travel and accommodation to attend and speak at the Conference.
- Authors of accepted abstracts will be required to prepare PowerPoint presentations, detailed instructions on the preparation will be sent to all authors once acceptance to speak has been received.
- All the presenters will receive complimentary access to all the Technical Conference sessions. However, any co-authors are required to purchase a pass if they would like to attend.

## TECHNICAL CATEGORIES

There is a choice of 8 different technical categories, all of which have multiple technical descriptions. Please have a thorough read through all of them and select one category that best describes your abstract. Please do not submit the same abstract more than once, as duplicates will be removed.

## COMMERCIALISM

Your abstract should not use language that is commercial in tone in the title, text or attachments. The use of such terms will result in careful scrutiny by the Technical Committee and may result in exclusion of abstracts from the evaluation process.





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