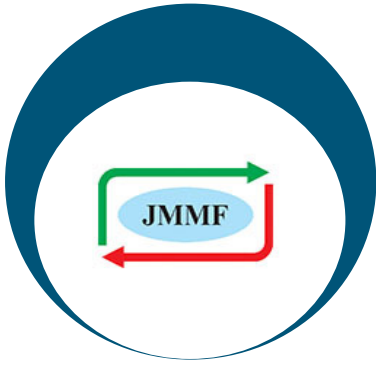


FIRST ANNOUNCEMENT

ORGANIZER



MIC 2020



INTERNATIONAL CONFERENCE ON
MINING INDUSTRY IN CHANGE: CHALLENGES, TECHNOLOGY,
APPLICATION MANAGEMENT AND BUSINESS (MIC 2020)

&
1-DAY WORKSHOP ON APPLICATIONS OF SOFT COMPUTING
TECHNIQUES IN FIELDS OF CIVIL AND MINING ENGINEERING

BALI, INDONESIA, 25TH TO 28TH JULY, 2020

SUPPORTERS



International Organizing Committee

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- **Dr. Jayanta Bhattacharya,**
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- **Mr. P.K. Chanda,**
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Preamble

In the tumultuous technology changes of the world, the importance of the mining industry, both locally and globally, has not diminished but the industry itself is undergoing a tectonic change. Certain examples can be cited: governments are becoming increasingly wary whether they can run the mines and the business, large mines are being questioned in favor of large number of integrated small mines because of financing reasons, and the mining companies are on an enterprise based thinking- investing from one resource to other for sustainability, rather than sticking to one mineral. These are only few examples of change. This spirit is captured in the title of the conference. Forward and backward integration is another aspect that is changing the shape of mining industry. Power companies are getting into coal and oil and gas sector. Metal groups are going for fuel minerals. Large oil, gas, ore miners are moving into rare earth and value accretion from the waste they generate. Needless to say, the mining industry is responding to the challenges thrown at it, by changing through integration, by looking around its shoulder. The event is supported by IIT, Kharagpur, IIT/ISM Dhanbad, Universiti Teknologi Malaysia (UTM), Institute Teknologi Bandung, Indonesia. This is the first conference of such type that will capture in parallel sessions the changes and dynamics of change.

Objective of the Conference

“Everything begins with Mining”. Mining industry has a vital role to play in ensuring a sustainable future for the spaceship earth, in terms of economic growth, protection of environment and social progress. The challenges are both enormous and imperative as change for a new growth trajectory, meeting burgeoning material needs in a rapidly changing geopolitical landscape, will have to be achieved in a safe, responsible and affordable way. A vibrant array of new technologies, properly applied, will hopefully foster economic development, mitigate environmental impacts and move in the direction of minerals sustainability. The mining industry will have to face a multitude of problems and challenges, but difficult situation also do offer opportunities to learn and rise to the occasion. Hopefully, this planned International Conference will chart the pathways to the future global mining industry and will be able to meet the rounded definition of sustainable development. It will call for willpower in a situation and cooperation on a heroic scale of he global mining community to translate the vision into reality.

Call for papers

Intending authors are invited to submit abstract of the proposed topic(s) on any one of the above themes in about 500 words to bnjournals@gmail.com / pradipchanda@yahoo.co.uk / jayantais@gmail.com / jayantab@mining.iitkgp.ernet.in for review as under:

Last date of submission of abstract: April 10, 2020

Notice of Accepted papers: May 10, 2020

Last date of submission final papers: May 30, 2020

Presentation of papers in Power Point; Text in Microsoft Words Format for publication as the Conference Proceedings (Special issue of the Journal of Mines, Metals & Fuels).

Official language – English

Who should attend the Conference. Any body engaged in mining/mineral/metallurgical/fuel industry as mentioned in the conference themes – Mining experts, engineers, decision makers, academicians, mine owners, students, research fellows, etc.

Theme/topics of the Conference

1. The Change Perspective

- Evolution of Mining Technology
- Mining Technology – an Overview of Chronological Developments
- External and internal trade and value chain propositions
- Truck, train, open and closed ship transportation

2. Mining Technology

- Exploration technology - operation and finding.
- Deep and tough deposit mining of coal, minerals, oil and gas.
- Drilling and blasting technology.
- Equipment for mining of minerals, oil and gas

3. Application Management

- Technology adoption.
- Plug and play technology.
- Bespoke service adoption.
- Employee training.
- Value chain growth.

4. Automation, ITES, MI and IoT

- Digital and Remote mining
- Industry and transportation automation
- Connected logistics
- Machine Intelligence and Internet of Things
- Block-chain based solution
- Crossover technologies
- Secured systems

5. Responsible Mining

- Environment and emission control
- “Back to the past” landscaping
- Biodiversity protection and recovery.

- Ecological Engineering.
- Post mining asset use and economics.
- Local area income generation and community wellbeing protection.

6. Business re-engineering

- Enterprise building.
- Stakeholder interest protection.
- Mining business finance.
- Project financing.
- Contracts and Contract management.
- Credit management.
- Supply Agreements.
- Business Law;
- Performance improvement

7. Mineral Engineering and Trade Streams

- Fertilizer minerals
- Building construction minerals
- Chemical minerals
- Battery/electronic/PV minerals
- Aggregates
- Energy minerals
- Paint minerals
- Critical Minerals

8. Safety, Health, Welfare and Compensation

- Land
- Ergonomis
- Human rights
- Workers’ health, safety and welfare
- Land losers’ benefits and sustainability

Delegate Fees

Author: US\$450.00

General: US\$500.00

Students: US\$400.00

Spouse: US\$200.00

**Early Bird Delegate Registration , \$50 less
on/befoe 15th May,2020**

Fees for
Workshop

US\$250.00

Earlybird
Registration

US\$200.00

SPONSERSHIP CHARGES

PLATINUM	US\$10,000.00 (10 Free Delegates)
GOLDEN	US\$7,000.00 (7 Free Delegates)
SILVER	US\$ 5,000.00 (5 Free Delegates)
LUNCH	US\$ 3,000.00 (2 Free Delegates)
DINNER	US\$ 3,500.00 (2 Free Delegates)

Advertisement Tariff for the Conference Souvenir

Full-page: US\$1500.00 (Size: 24cm [top to bottom x 17cm [left to right]

Half-Page: US\$800.00 (Size: 12cm [top to bottom or 8.5cm

EXHIBITION: Display table space for video/company catalogue presentation facilities will be provided at cost. For details please contact conference secretariate.

*****All registered participants at the conference and workshop will be entited to receive attractive gifts, besides conference kits**



For Details please contact;

The Conference Secretariat,

The Managing Editor & Organizing Secretary, MIC 2020,

C/o Journal of Mines, Metals and Fuels

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