



MESA

MINE ELECTRICAL SAFETY
ASSOCIATION INC

QUEENSLAND



**Call for
Presentations**

MINE
ELECTRICAL
SAFETY **QLD** 2026
CONFERENCE

Monday 1 June to Wednesday 3 June 2026
SOFITEL BRISBANE CENTRAL

EVENT ORGANISERS



CALL FOR PRESENTATIONS

Electricity can be an unseen threat in the mining and quarry industry. Safety standards are very high in Australia. We are fortunate safety vigilance is a constant in this industry – it never ages or loses its relevance.

Now in its 36th year, the Queensland Mine Electrical Safety Conference (MESCC) continues to be the premier, most relevant and highly sought-after event tailored to mine electrical safety.

Hosted by the Mine Electrical Safety Association (MESA), the conference is a great opportunity to learn and network with some of the most knowledgeable people in Australia on mining and quarry safety. It is also an opportunity for you to contribute to the direction of mine electrical safety within the industry.

The conference is the most significant mine electrical safety event and brings together a wide range of stakeholders such as industry workers, suppliers, contractors, consultants, and government regulators and departments. Key decision-makers are in the one place at the one time - this provides immense value to organisations wishing to gain exposure to these key markets.

The technical programme identifies areas of improvement and innovations for electrical safety, along with providing information and learnings to help improve safety and productivity.

The MESCC Qld Committee welcomes submissions for presentations in the format of a technical presentation or Innovation Award presentation.

- Technical presentations will be allocated 30 minutes including Q&A
- Innovation Award presentations will be allocated 15 minutes including Q&A and will be scheduled on Tuesday 2 June

Key Dates

Submission Deadline	5.00pm AEST Tuesday 7 April 2026
Notification of Submission Outcome	Friday 17 April 2026
Presenter Registration Deadline	Friday 24 April 2026
Conference Dates	Monday 1 - Wednesday 3 June 2026

CONFERENCE THEMES

Presentations are invited under the following themes. You can also view the programme themes on the [conference website](#).

CABLE MANAGEMENT

Cable management is fundamental to the safety and reliability of mine electrical systems. Effective cable management encompasses correct routing, segregation, support, protection, identification, and ongoing condition monitoring. In mining environments, where mechanical damage, environmental exposure, and operational change are ever present risks, robust cable management practices prevent dangerous incidents and operational impacts. Presentations could explore practical strategies, emerging technologies, and lessons learned to ensure cable systems remain safe, compliant, and fit-for-purpose throughout the asset lifecycle, from installation through to inspection, maintenance, and eventual replacement.

CORPORATE KNOWLEDGE

Preserving critical expertise in mine electrical systems

Mining operations rely heavily on accumulated corporate knowledge – practical insights, historical context, and lessons learned that are rarely fully captured in formal documentation. As experienced personnel retire or move on, this knowledge can be lost, increasing operational risk and reducing the organisation's ability to anticipate and prevent electrical incidents. This theme explores strategies to capture, retain, and operationalise corporate knowledge, including digital records, standardised practices, and modern asset intelligence tools. Preserving this expertise strengthens safety, improves decision-making, and ensures continuity in managing complex electrical systems.

EARTH LEAKAGE RELAY MONITORING

Earth Leakage Relays (ELRs) and their associated protection systems are critical safeguards in mine electrical networks. These devices are designed to detect earth fault currents at levels below those required to operate overcurrent protection, providing an essential layer of protection for personnel and equipment.

Incorrect settings, poor coordination with upstream and downstream protection devices, configuration errors, component defects, or external influences such as moisture ingress, cable degradation, harmonics from VSDs, and accumulated system leakage can all compromise protection performance. If not correctly engineered and maintained, ELR systems may either fail to operate when required or operate unnecessarily.

ELECTRICAL REMOTE FAULT FINDING

With the growing skills shortage across the industry, innovative approaches are essential to support the detection and rectification of faults remotely.

Electrical remote fault finding refers to the process of detecting, locating, and in certain cases, repairing faults in electrical systems from a distance rather than an on-site visit. This approach leverages specialised diagnostic tools and communication technologies that measure system parameters, transmit data, and enable control actions remotely. Such methods significantly reduce the need for manual inspections and decrease system downtime. What methods have been adopted with proven results that could be shared?

HAZARDOUS AREA

As emerging technologies are introduced into underground coal mines and other hazardous area locations, Ex-certified equipment is becoming increasingly complex. For example, the introduction of EVs has reduced diesel particulate emissions and vehicle maintenance costs and time, but new challenges in battery management remain. How does a mine owner manage a battery fire or charge the battery?

How is the new equipment managed at your site, and what considerations are factored into the equipment or plant life cycle? There are abandoned mines that have buried equipment. On another note, mines are utilising fibre-optic and lidar technologies to enable early detection of gas or roof movement. Use of these technologies and applications improves mine management and safe production and lowers operational costs.

NER MONITORING

Neutral Earth Resistors (NERs) and their associated monitoring systems are critical safeguards in many mine electrical networks. Incorrect settings or configurations, defects and sudden failures, and external influences on these systems can compromise protection schemes, increasing the risk of harm to personnel. In addition, nuisance trips from these systems can present other hazards to personnel and significant operational impacts. Presentations could include case studies on recent incidents or learnings, or exploration of best practice and innovations in this area.

SUCCESSION PLANNING

Succession planning is the strategic process of identifying and developing future leaders within an organisation to ensure a smooth transition when key positions become vacant. Far from a one-time event, it is an ongoing commitment to maintaining business continuity and preserving organisational knowledge. What programs does your organisation offer? Preventing the loss of corporate knowledge and planning early are critical to identifying the successor. Many companies fail to plan to mitigate the risk of knowledge drain.

SUBMISSION INFORMATION

SUBMISSION REQUIREMENTS

Presentation Information

- **Presentation Title** – 20 words maximum in Title Case
- **Presentation Type** – select one from available dropdown options
- **Presentation Theme** – select one from available dropdown options
- **Presentation Overview** – text only, 300 words maximum

Presenter Information

- **Presenter Headshot** – Provided in jpeg format and a head and shoulders style photo that will suit cropping into a circle
- **Presenter Biography** - 100 words maximum
- **Presenter Contact Details** – Direct email and phone number of presenter is required

MESC Innovation Award

In addition to the above submission requirements, those presentations submitting for the Innovation Award will need to provide

- A short description of the innovation - 75 words maximum
- How the innovation has reduced the harm that led to the innovation - 75 words maximum
- A paragraph explaining why the submission should be considered for the MESC Innovation Award - 150 words maximum

Submission Guidelines

- Submissions are not to be a 'sales pitch' or a way of promoting an organisation's product or service – the presentation needs to provide information that is relevant and educational for the audience and showcases mine electrical workplace safety
- Submissions should provide enough information on the suggested presentation without the need for further details or clarification. Submissions should also demonstrate how the presenter has the relevant background to present on the topic
- Graphics cannot be included in your submission
- One individual can submit up to a maximum of two presentations. Presenters will only be included in the programme once, so please keep this in mind when submitting
- A submission can have up to two presenters. These presenters must be entered as Speaker 1 and Speaker 2 (if applicable)
- If you do not receive an email confirmation within one hour of submitting, please contact the Event Organisers on mesconference@absoluteevents.com.au

SUBMISSION INFORMATION

MESC QUEENSLAND SUBMISSION PORTAL

All submissions must be made through the online submission portal and each submitter must set up an account. This account is specific to MESC Qld 2026.

REVIEW OF SUBMISSIONS

The submissions will be reviewed by the MESC Queensland Committee and will be assessed based on the following criteria:

Technical Presentations & Innovation Award

- Contribution to the overarching technical programme
- Contribution to the selected session theme
- The extent to which the abstract contributes to the body of knowledge in the specific theme
- Relevance to and educational for the audience and a topic that showcases mine electrical workplace safety
- Overview provides sufficient information to allow the submission to be reviewed without the need to ask further questions

Innovation Award

- A new idea that has been developed within the past three (3) years which has:
 - Identified and resolved a specific electrical safety issue, or
 - Improved safety / productivity in the workplace
- The idea must be directly related to/or usable in the mining sector

Submissions which are unethical, incomplete, or for which outcomes are not apparent will not be accepted for inclusion in the programme.

Please note that Conference Committee reserves the right to allocate presentations to the best advantage of the programme.

SUBMISSION POLICIES

All submissions must meet the requirements outlined in this document. You will be required to confirm acceptance of these when submitting

- Submissions must be original work, written in English and free of typing/grammar errors. Accepted submissions will be printed as received
- Submissions which are unethical or incomplete will not be accepted for inclusion in the programme
- All submissions must be completed electronically via the online submission website. If you are unable to submit in this manner, please contact the Event Organisers to discuss options. The Event Organisers will not be held responsible for submissions that are not received via the online submission site or for any submission errors
- All correspondence will be emailed to the primary presenter. It is the responsibility of the primary presenter to forward correspondence to co-presenters and co-authors
- Submission does not constitute an acceptance of the presentation
- **Presenter Registration:** If the submission is accepted, all presenters must register and pay within the required deadline in order to present at the conference and to ensure publication of the presentation (in the conference programme and on the conference website)
- **Publishing Consent:** All accepted presentations will be published as received on the conference website and in the conference abstract book. Consent is also provided for the presentation slides to be used and published (in PDF format) by MESC Qld including being provided to all attendees of MESC Qld 2026 and to MESA Inc. Please advise the Conference Organisers if you do not provide consent for publication of presentation slides
 - If consent is not provided, a minimum of 3 slides with key highlights will need to be provided (cannot be an organisation or product brochure)
- **Photo/Video Consent:** If the presentation is accepted, consent is provided for the photos taken during the presentation to be used and published by MESC Qld 2026, including being provided to all attendees, and provided to MESA Inc and Absolute Events & Marketing
- **Change in Presenter:** Once the presentation has been approved and allocated, any change in presenter must be reviewed for approval by the MESC Queensland Committee. If the change in presenter is not approved, the presentation may be removed from the programme

Queries

For any queries, please contact the MESC Queensland Event Organisers on the details below.

Absolute Events & Marketing

Phone: 07 3848 0089

Email: mesconference@absoluteevents.com.au

Website: www.mesconference.com.au

