MINE
ELECTRICAL
SAFETY WA 2023 CONFERENCE

7 – 8 NOVEMBER 2023
PAN PACIFIC PERTH, WESTERN AUSTRALIA

MESA
MINE ELECTRICAL SAFETY
ASSOCIATION INC
WESTERN AUSTRALIA

Call for Presentations

EVENT MANAGERS:

Absolute Events
& Marketing
EXCEEDING EXPECTATIONS

www.mesconferencewa.com.au

GENERAL INFORMATION

Based on the needs of the Western Australia mine electrical safety community, the well-connected local organising committee (with the support of MESA Inc and the Queensland Committee) is hosting the second Mine Electrical Safety Conference Western Australia (MESC WA). The inaugural MESC WA was held in 2019 with 2020 and 2021 conferences having to be postponed due to COVID restrictions.

The 2023 MESC WA Conference will bring together government departments, consultants, suppliers and key industry decision makers within the electrical field to hear technical presentations on all matters relating to electrical safety within the mining industry with specific focus on the Western Australia industry.

Hosted by the Mine Electrical Safety Association Western Australia (MESA WA), the conference is a great opportunity to learn and network among 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.

CALL FOR PRESENTATIONS

The MESC WA Committee welcomes submissions for oral presentations in the format of a technical presentation, case study or panel discussion.

- **Oral presentations** will be allocated 30 minutes including any Q&As (*subject to confirmation*). We recommend 20 – 25 minutes for your presentation with 5 – 10 minutes for questions.

KEY DATES

Deadline for Submission	**Thursday 24 August**
Notification of Submission Outcome	**Thursday 7 September**
Presenter Registration Deadline	**Friday 6 October**

THEMES

You can contribute to the conference programme by submitting a presentation for one of the conference themes. Outlines of the themes have been provided by the MESC WA Committee.

Arc Flash / Personal Protection

Arc Flash is a topic with which MESA Conference attendees will be familiar, having had a period of major focus within the industry. With changes in arc flash standards, developments in risk reduction technology, new electrical workers joining the mining industry and new apprentices and graduate engineers coming through, it is timely that we include this important subject

Cable Management

The level of damage to fixed plant and trailing cables remains unacceptably high as does contact with overhead and underground electric cables. How do we as an industry prevent our workers from having any unwanted contact with electrical cables? How do we best mitigate the hazard of unwanted contact with electric cables?

Hazardous Area

This theme covers the importance of selecting correct equipment for installation of electrical equipment in hazardous areas (EEHA). Purchasing ex-certified equipment (ANZEx or IECEx) can be easy, however, knowing what to ask and what information is essential requires knowledge and experience. The site owner has obligation under the Work Health and Safety Act to demonstrate the classified area is safe for the installation, site workers and the environment

Mine Life Cycle

Be it short or long, the life cycle of a mine comprises the core elements of exploration, resource definition, cost modelling, approvals, design, construction, operations, de-commissioning and rehabilitation. Through this life cycle, electrical systems are a critical element to deliver the required outcomes, remain safe, be maintained, remain compliant and finally be de-commissioned

Renewables

This theme covers battery vehicles, carbon neutral activities, solar and other renewable technologies. License to operate is recognised as a primary risk to mining operations which, together with the industry drive to improve HSE outcomes, has led to great interest in the adoption of renewable energy and similar sustainability initiatives as a core consideration across the life cycle of mines. In addition to mining houses adopting renewable energy as a part of their approach to lean operations and carbon neutrality, the outputs of our resources industry are necessary for the global shift away from fossil fuels and toward smarter forms of energy generation, storage and distribution

Underground Mining Electrics

Submissions in this theme should highlight:
- The different types of underground cable protection being implemented as well as cable fixing and installation techniques that will be of interest to attendees
- Safety factors considered and allowed for when designing transformer installations
- Underground lighting – What's new and what positive results have been achieved
- How protective earth testing (earth continuity) for fixed cabling in an underground IT earthing system is implemented

PRESENTATION SUBMISSION

MESC 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 the MESC WA 2023 only.

Online Submission Portal: click here to access submission portal

SUBMISSION REQUIREMENTS

Presentation Information:

- *Title* – 20 words maximum and must be in **Upper and Lower Case for the Title**
- *Presentation type* – select from the available dropdown
- *Presentation theme* - select one theme from available dropdown options
- *Overview text* – **maximum of 300 words** (spaces are not part of this count). The submission should have a clear focus, succinctly outline your topic and relate to the selected theme
- Submissions should provide enough information on the suggested presentation piece, case study or discussion. Submissions should also demonstrate how the presenter has the relevant background to present on the topic
- Standard abbreviations may be used for common terms only. Otherwise, any abbreviation should be given in brackets after the first full use of the word. Abbreviations may be used in the title, provided the name in full is outlined in the body of the submission
- Graphics cannot be included in your submission

Author Information:

- 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 presenting authors. These presenters must be entered as Author 1 and Author 2 (if applicable)
- You can be a co-author on multiple presentations that are accepted to the programme
- You will need to provide name, position and affiliation (organisation) for each author

REVIEW OF SUBMISSIONS

- The Conference Chair and/or MESA WA Committee will review all submissions
- **Submissions will be assessed based on the following criteria:**
  - Contribution to the overarching technical programme
  - Contribution to the selected theme
  - The extent to which the submission contributes to the body of knowledge in the specific theme
- 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 Chair reserves the right to allocate presentations to the best advantage of the programme

GENERAL POLICIES & REQUIREMENTS

- 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
- All submissions must be completed electronically via the online submission website. If you are unable to submit in this manner, please contact the Conference Organisers to discuss options. The Conference Organisers will not be held responsible for submissions that are not received via the online submission site or for any submission errors
- If you do not receive an email confirmation within one hour of submitting, please contact the Conference Organisers on mesconference@absoluteevents.com.au
- Submission does not constitute an acceptance of the presentation
- **If the submission is accepted, <u>the presenter must register within the required deadline and pay the discounted registration fee</u>** for the conference in order to present at the conference and to ensure publication of the presentation in the conference programme and on the conference website
- If the presentation is accepted to the programme, consent is provided for the presentation slides and photos taken during the presentation to be used and published by MESC WA 2023 including being provided to all attendees of MESC 2023 and MESA Inc. Please advise the Conference Organisers if you do not provide consent for publication of presentation slides. Should you not wish to be in photographs, please make it known to the photographer

NOTIFICATION / IMPORTANT INFORMATION

It is important for you to be aware of the following:

1. **Submissions will close on Thursday 24 August**

2. **You will be notified of the outcome by Thursday 7 September**

3. To ensure confirmation of your presentation (and acceptance to present at the conference and have your presentation published) **you MUST register by the presenter registration deadline of Friday 6 October**. If you are not registered by this date, your presentation will be withdrawn

All correspondence will be emailed to the address entered by you at the time of submission. Should you have co-authors also attending the Conference, please ensure you pass relevant correspondence on to them.

QUERIES

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

Absolute Events & Marketing
Phone: 07 3848 0089
Email: mesconference@absoluteevents.com.au
Website: www.mesconferencewa.com.au

GUIDELINES FOR ACCEPTED PRESENTATIONS

- **Presentation format**: The presentation format will be 16:9

- **Conference PowerPoint template:** This will be provided to accepted presenters, however, the template is not mandatory to use

- **Presentation Computer Equipment**: Standard equipment of computer (Windows based) lectern mic, lapel or hand held mic, data projector and screen are provided. During the submission process you can request other options. Closer to the event you will be advised what items can be provided

Preparing your slides:

- Prepare/plan speech before creating slides

- **Number of slides** – For a 25 minute presentation, we encourage no more than 30 slides. Attendees should not be expected to read your full presentation. Use your slides to reinforce the main points of your presentation

- **Fonts**: We recommend using standard fonts included in Microsoft Office or Google fonts. Use of specialised fonts may cause errors in the presentation layout and format

- **Font Size**: Recommend size
    - *Headings*: 40 – 44pt
    - *Body text*: 28 – 32pt (minimum size 20)

- **Sample slide layout**

Presenting at the conference:

- Make sure to check in with the audio visual technician, even if you have provided your slides prior to the conference
- We encourage presenters to engage directly with the audience and not to read from your slides – if using PowerPoint, use the notes section to help with your presentation wording

Post Conference:

- Your PowerPoint slides will be provided to attendees in PDF format. Please advise the Conference Organisers if you would like to provide an edited version of your slides or if you do not want your slides published.