



# ANNUAL REPORT 2019

## INTRODUCTION

This is the Annual Report of the Midland Institute of Mining Engineers (MIMinE) and will be presented for acceptance at the Annual General Meeting to be held at the Holiday Inn, High Road, Warmsworth, Doncaster on Friday 11 October 2019. The report covers a 12-month period from 1 August 2018 to 31 July 2019.

At the Annual General Meeting held on 12 October 2018 the new President, Mr Neil Battison, was elected and the Trustees from that date to the date of the 2019 AGM was as listed below.

|  |                       |                |
|--|-----------------------|----------------|
| <b>President</b>                       | Neil Battison         |                |
| <b>Vice President</b>                  | Duncan Kilbride       |                |
| <b>Honorary Treasurer</b>              | Norman Riley          |                |
| <b>Honorary Secretary</b>              | Stephen Straw         |                |
|  |                       |                |
| <b>Past Presidents</b>                 |                       |                |
| Charles Rhodes                         | Ian Dixon             |                |
| Paul Bradley                           | William Birch         |                |
|  |                       |                |
| <b>Trustees</b>                        |                       |                |
| Wyn Griffith                           | Peter Hetherington    | Peter B Scott  |
| Alan Auld                              | Elizabeth Klinkenberg | Alan Kirk      |
| Robert Leeming                         | Paul Lowery           | Bill Tinsley   |
| Charles Rhodes                         | Paul Bradley          | Ian Dixon      |
|  |                       |                |
| <b>Invited Governing Board Members</b> |                       |                |
| Jonathan Tunnicliffe                   | Darron Dixon-Hardy    | Robert Siddall |
|  |                       |                |
| <b>Younger Members Representatives</b> |                       |                |
| Sharon Strugnell                       | Alex Duff             |                |

## TRUSTEES MEETINGS

The Trustees met on eight occasions during the year, including the Annual General Meeting.

|                   |
|-------------------|
| 08 November 2018  |
| 13 December 2018  |
| 10 January 2019   |
| 07 February 2019  |
| 07 March 2019     |
| 09 May 2019       |
| 18 July 2019      |
| 26 September 2019 |

## TRUSTEE MATTERS

Members of the MIMinE Trustees continue to promote close relationships between the MIMinE and other Mining and Minerals related local societies of the Institute of Materials, Minerals and Mining (IOM3). The Institute attracted 50 student members by funding their IOM3 membership.

Since 1 November 2016, the administrative duties and office facilities have been provided by ABMEC, with the address:

27 The Walled Garden  
Nostell Estate  
Wakefield  
West Yorkshire  
WF4 1AB.  
Telephone 01924 802565  
Main email [office@themime.org.uk](mailto:office@themime.org.uk)  
Young Members' email [YMG@theoffice.org.uk](mailto:YMG@theoffice.org.uk)

The Trustees extend thanks to the MRS Training & Rescue (MRS) Company which allows its offices at Knottingley and Mansfield to be used for meetings with video links to other remote VC members.

Following the request for permission to use Members' contact details for specified purposes, as per the data protection act, there are now 681 members of MIMinE who have given written permission for their details to be used for mailing and/or in the Yearbook.

The relationship with the Association of British Mining Equipment Companies (ABMEC) is developing, and several MIMinE members attended the ABMEC AGM. Four members attended the ABMEC Annual Conference.

ABMEC Director General, Jane Isaacs and three members of the Governing Board attended the IOM3 Local Societies Forum in London.

## GENERAL MEETINGS

The Annual General Meeting was held on the on 12 October 2018 when Mr. Neil Battison was elected President for the year 2018/2019.

General and Technical Meetings held during the year.

| DATE             | MEETING   | SPEAKER  | VENUES   | ATTENDANCE |
|------------------|---|--|--|------------|
| 12 October 2018  | Presidential Address  | Mr Neil Battison                                   | Mount Pleasant Hotel<br>Near Doncaster                               | 67         |
| 8 November 2018  | Procurement and commissioning of mining systems   | Jim Davies<br>British Gypsum                       | Knottingley & Mansfield MRS Training & Rescue Centres                | 40         |
| 13 December 2018 | Challenges of mineral resource estimation in deep, later strata, complex mineralisation | Tim Daffern<br>ICL Group                           | Knottingley & Mansfield MRS Training & Rescue Centres                | 30         |
| 10 January 2019  | Securing access to unconventional resources (Paper delivered from Calgary, Canada)      | John Hunter<br>Well Engineering                    | Knottingley & Mansfield MRS Training & Rescue Centres                | 28         |
| 7 February 2019  | Technology applied to high performance winding systems at Sirius Minerals               | Peter Hetherington<br>Sid Brady<br>Sirius Minerals | Knottingley & Mansfield MRS Training & Rescue Centres                | 39         |
| 20 February 2019 | J F Tunnicliffe & C S Littlewood Paper Competition YPLC Local Competition               | Young Members                                      | Devonshire Hall<br>University of Leeds                               | 9          |
| 7 March 2019     | High strength light weight ropes for mining applications                                | Joseph Karedon<br>Bridon-Bekaret                   | Knottingley & Mansfield MRS Training & Rescue Centres                | 24         |
| 5 April 2019     | Safely Managing the Challenge of Change Full Day Seminar                                | Various  | Victoria Holiday Inn<br>Victoria Station Road<br>Sheffield<br>S4 7YE | 141        |
| 9 May 2019       | Hargreaves Mining Services – the evolution of a contractor                              | Kevin Sabin<br>Hargreaves<br>Industrial Services   | Knottingley & Mansfield MRS Training & Rescue Centres                | 44         |

The help and support provided throughout the year by MRS particularly regarding the use of facilities at Knottingley and Mansfield is acknowledged and greatly appreciated. Video links between the two venues suffered some technical issues, which have now been resolved. Boulby Mine, Golders, MRS Centres at Scotland and South Wales offices also benefited from video links.

The total numbers of members and visitors attending the general and technical meetings for 2018/2019 was 422 which was an increase of 65 on the previous year.

## MEMBERSHIP

Most members of the Midland Institute of Mining Engineers are also members of the Institute of Materials, Minerals and Mining (IOM3). The table below shows the number of members of the Midland Institute of Mining Engineers and the grades of membership they hold in the IOM3. (Figures obtained from IOM3 Membership, Stoke. IOM3 members indicating MIMinE as their preferred Local Society).

| Grade                              | August 2018 | August 2019 | Change     |
|------------------------------------|-------------|-------------|------------|
| <b>Corporate Members</b>           |             |             |            |
| Honorary Fellows                   | 9           | 9           | 0          |
| Fellows                            | 231         | 216         | -15        |
| Members                            | 223         | 216         | -7         |
| Associate Members                  | 13          | 13          | 0          |
| Technician Members                 | 14          | 19          | 5          |
| <b>Total Corporate Members</b>     | <b>490</b>  | <b>473</b>  | <b>-17</b> |
|                                    |             |             |            |
| <b>Non-Corporate Members</b>       |             |             |            |
| Affiliates                         | 17          | 13          | -4         |
| Professional Graduate              | 40          | 42          | 2          |
| Graduate                           | 19          | 15          | -4         |
| Student                            | 198         | 232         | 34         |
| <b>Total Non-Corporate Members</b> | <b>274</b>  | <b>302</b>  | <b>28</b>  |
|                                    |             |             |            |
| <b>Non IOM3 Members</b>            |             |             |            |
| Life Members                       | 8           | 8           | 0          |
|                                    |             |             |            |
| <b>TOTAL</b>                       | <b>772</b>  | <b>783</b>  | <b>11</b>  |

Midland Institute of Mining Engineers has been actively supporting students at the Universities of Leeds, Derby, Portsmouth, Camborne School of Mines and apprentices in a number of organisations, by paying 50 student registration fees to IOM3. Funding for this membership initiative was supported by the Webster Trust Fund.

The overall membership for the year increased by 11. It is encouraging to see this increase and the continued support provided by MIMinE across the range of membership grades and the efforts to reach to a wider industrial base.

Midland Institute of Mining Engineers remains a viable organisation offering support to members in the current economic climate. It is also worth noting that some members have opted to take up the opportunity of membership of MIMinE without membership of IOM3 and although still small in number it is clear that this offering is a valuable means of continuing to provide the opportunity for more people to maintain their contact with MIMinE.

Members of MIMinE are supported with their professional development; this includes assisting members through applications for IOM3 membership, upgrades and/or Engineering Council registrations. I would like to thank the membership committee and its Chairman Mr Wyn Griffith for its professionalism and support towards the membership and those who conducted professional review interviews.

## THE MIDLAND INSTITUTE OF MINING ENGINEERS TRUST FUND

Annual contributions from this Trust Fund enable the effective operation of the Midland Institute of Mining Engineers.

### PEAKE TRAVELLING SCHOLARSHIP

No applications for full travelling scholarships in 2018/2019 were received.

#### **Additional Awards**

The Peake Travelling Scholarship gave support and part sponsorship to a value of £750.00 for the Institute of Materials, Minerals and Mining Young Persons' Lecture Competition final held at the Armourers' Hall, London on 1 May 2019.

Delegate registrations were supported for several members to attend the ABMEC Annual Conference held at The Nottingham Belfry, Nottingham on 22 November 2018.

Any member of the Midland Institute of Mining Engineers, subject to the conditions outlined in the current Year Book, may request an application form for a scholarship or additional award from this fund.

### THE NOEL WEBSTER TRAVELLING PRIZE

No applications for full travelling scholarships in 2018/2019 were received.

#### **Additional Awards**

The Noel Webster Travelling Scholarship provided support and part sponsorship to a value of £750.00 for the Institute of Materials, Minerals and Mining Young Persons' Lecture Competition final held at the Armourers' Hall, London on 1 May 2019.

The Trust actively supported the membership initiative resulting in 50 student members.

Any member of the Midland Institute of Mining Engineers, subject to the conditions outlined in the current Year Book, may request an application form for a scholarship or additional award from this fund.

### THE AMCO BURSARY FUND

The object of the charity is for the advancement of education in the science and practice of mining and or such other subject areas as may be defined by the Midland Institute of Mining Engineers. In particular to provide short-term work-related training for students who may have difficulties in obtaining practical instruction and work participation.

Rules and Conditions for the Bursary have been published and are available from the Honorary Secretary. Any student member wishing for support from the Bursary should contact the Honorary Secretary for an application form or download from the website [www.themime.org.uk](http://www.themime.org.uk)

### NOEL E WEBSTER MEDAL

The Webster medal for 2017/18 was presented to Norman Jackson for his paper entitled 'The Hartley Colliery Disaster 16 January 1862 over 150 years ago' at the AGM Dinner held on 12 October 2018 at the Mount Pleasant Hotel, Doncaster.

### O H SCHMILL MEDAL

The award originated in 1999 through the generosity of Mr Henry Schmill. It is in the form of a double-sided medal suitably inscribed. Conditions of award are outlined in the Year Book.

No nominations for the receipt of this medal have been received for this year.

## J F TUNNICLIFFE PAPER COMPETITION - C S LITTLEWOOD MEMORIAL AWARD

This competition also serves as a local heat of the IOM3 Young Persons' Lecture Competition. The competition was held at Devonshire Hall, University of Leeds on 20 February 2019. The following Young Members submitted papers.

|                  |
|------------------|
| Jonathan Stewart |
| Reshma Prasad    |
| Mwangi Wilmot    |

The winners of the J F Tunncliffe Prize were

| POSITION        | NAME  | AWARDED    |
|-----------------|---|------------|
| 1 <sup>st</sup> | Jonathan Stewart, Mwangi Wilmot & Reshma Prasad | Shield     |
| 2 <sup>nd</sup> | Jonathan Stewart & Mwangi Wilmot                | YPL winner |

The J F Tunncliffe shield and prize money totalling £500 was distributed to those taking part.

The above competition is an annual event and entries should be made to the Younger Members Section as per competition rules and conditions in the current Year Book.

## YOUNG PERSONS' LECTURE COMPETITION

The National Lecture Competition is an annual event organised by IOM3 with prizes.

| EVENT           | PRIZE   |
|-----------------|---|
| Local Events    | A prize of £100 for the winner and certificate for all participants   |
| Regional Events | Each regional winner selected for the final received £150 prize donated by the Worshipful Company of Armourers & Braziers |
| National Event  |   |
| 1 <sup>st</sup> | £750 plus Armourers & Brassieres' Company Medal   |
| 2 <sup>nd</sup> | £400  |
| 3 <sup>rd</sup> | £200  |

One of the objects of the Midland Institute of Mining Engineers is "to encourage and monitor the development of quality skills in engineering in mining through the provision of support and training for members, particularly the younger members, to achieve and maintain professional qualification". To further this object with younger members, the Midland Institute of Mining Engineers was pleased to continue support for the National final with part sponsorship from the Peake and Webster Funds totalling £1500. President of the Midland Institute of Mining Engineers, Mr Neil Battison, was one of three judges at the finals held at the Armourers' Hall, London on 1 May 2019.

## YOUNGER MEMBERS/STUDENT SECTION

Support for the younger members and students' section is provided in the form of payment of student registration fees to the Institute of Materials, Minerals and Mining. In addition, financial support for the organisation of meetings, competitions and visits is also given.

The Honorary Secretary attended St Petersburg Mining University in Russia representing MIMinE.

## MEMBERS' DINNER

The Members' Dinner was held at Mount Pleasant Hotel near Doncaster on 12 October 2018 with 67 members and guests in attendance.

A number of companies and organisations supported the event by inviting members and guests and the raffle once again proved very popular.

## SAFETY SEMINAR

The 14<sup>th</sup> Annual Seminar, themed "Safely Managing the Challenge of Change" was held on Friday 5 April 2109 at the Holiday Inn Royal Victoria, Sheffield with 141 registered delegates including representatives from other societies and younger members who were offered complimentary places. This event was organised by MIMinE and supported by Health and Safety Executive (HSE), Institute of Materials, Minerals, and Mining (IOM3) and ICL (Boulby Mine). The introduction and closing remarks were given by Mr Neil Battison, President, MIMinE and the sessions were chaired by Charles Rhodes and Duncan Kilbride.

| <b>SPEAKER</b>                | <b>COMPANY/ORGANISATION</b> |
|-------------------------------|-----------------------------|
| Neil Battison                 | President of MIMinE         |
| Keith Williams                | Health & Safety Executive   |
| Clare Ratcliffe               | Compass Minerals UK         |
| Andrew Fynn                   | Canopus                     |
| Andy Lidstone                 | Risktec Solutions Ltd       |
| Stuart Walker & Simon Leeming | Coal Authority              |
| Andrew Fulton                 | ICL Boulby                  |
| Sarah Boad                    | IOM3                        |
| Paul Holmes                   | Mining Association of UK    |
| Stuart Hoult                  | Mines Rescue Service Ltd    |
| Russ Turner                   | Komatsu Mining Corp Group   |

A number of companies, whose products were relevant to the seminar topic, had exhibition stands including IOM3 Membership and ABMEC. A book of papers given was published and distributed to the delegates at the event. This will also be available in PDF format on the web site [www.themime.org.uk](http://www.themime.org.uk)