



FOUNDED 1900

# KEIGHLEY ASSOCIATION OF ENGINEERS

# NEWSLETTER

Hon. Secretary: J. Pankhurst: [john@kaoe.org.uk](mailto:john@kaoe.org.uk)

December 2017

Continuing the tradition formed over the last 117 years, the Keighley Association of Engineers has started its Autumn/Winter programme of events with a series of talks/lectures covering a wide range of topics of general interest as well as engineering subjects. The current syllabus will end in May/June 2018 and events are posted on the Association's website [www.kaoe.org.uk](http://www.kaoe.org.uk). We have been pleased to welcome guests to our events, further guests will again be welcome in 2017/8

## The most recent events have been:

**11th September 2017** - Evening visit to [Quadrant EPP UK Ltd, Todmorden.](#)

**9th October 2017** - An inspiring talk by Barrie Yates on [Future Power Generation.](#)

**November 2017** - [Visit to Guyson Industries, Skipton,](#) a well presented and interesting visit.

**5th December 2017** - Talk on War and Peace - [Textile Engineering in East Lancashire in difficult times](#) by Anthony Pilling BSc, Dip Arch, RIBA - Phoenix Service Solutions, Cedar House, Aire Valley Business

**2018** Visits are in the course of being firmed up for 2018 and include:

**16th January 2018** "Things that go bang in the night" by Ian McKay C.Eng. M.I.Exp.E. of Bancroft Mill Engine Museum.

**February 28th 2018** talk by Bruce MacDougall on Modern Rail Transit Control Systems. Venue t.b.a.

**14th March 2018** - Annual General Meeting followed by demonstration of 3d printing and Laser marking by Alfie Moore at Keighley College. Details t.b.a.

Our visits and talks are well attended and enjoyed, guests joined us on many occasions.



*A steam engine being rebuilt at Markham Grange Steam Museum. It joins about thirty other steam engines, virtually all of which are run on display, under steam. We saw a machine tool that had been built by volunteers to re-machine a damaged, fixed, crankpin on a 14' diameter flywheel.*



*Clive Brisbane presenting Keighley Association of Engineers with a puzzle involving securing the safety of a number of stained glass panels whilst displaying them to the public. Here, Clive is being assisted by our President, John Richardson.*



*Members view an actuator unit being checked over at Advanced Actuators in Silsden.*



*Question time at Teconnex in Keighley, makers of advanced equipment for diesel engines.*



*At Stanley Ferry Workshops, makers of huge wooden lock gates for British Waterways. (also below)*



*Heather Whitehead, Director of Keighley College, our Chief Guest at the 117th Annual Dinner.*



*At Airedale Springs' new factory.*



*At Ferrybridge Workshops, repair of steam turbine rotors for electric generators; typical weight, 65 tons*



*At the National Rail Museum Workshops*



## President's report:

As we approach the end of 2017 and the first half of our 2017-2018 syllabus, I am pleased to announce that so far it has been a very well attended and varied series of events. I would like to extend my thanks to everyone who has been involved with making the events successful; from the companies allowing us to visit, guest speakers, to the council members working behind the scenes to organize everything and the members for supporting us, I thank you all as without your continued support none of this would be possible!

I am sure you are all now aware that the Frank Watson prize has now been retired and we, the council, have been working hard on coming up with a new and meaningful award to be able to present at the next annual dinner.

This new award named "The Keighley Association of Engineers Young Engineers Award" is to be aimed at students in years 9 and 10 (age 13-15) studying Engineering and / or Design Technology.

We are getting local companies involved in the prize by asking them to sponsor the first prize and assist the association in setting the task for the prize. The idea behind this is that local companies will then start to recognize the prize as an achievement which will enhance student CV's when applying for apprenticeships in engineering with local companies.

Runner up prize and a highly commended prize will also be awarded to students by the Association of Engineers, assisted by the legacy left by Frank Watson & Charlie Curtis. Along with the first prize a trophy will

be awarded and will be kept at the winning students school for the year of the award.

Winners of the Keighley Association of Engineers Young Engineers Award will also be given free membership to the association whilst they are in full time education.

Further information on this along with an entry form can be found on our website, [www.kaoe.org.uk](http://www.kaoe.org.uk) or on our Facebook page.

As your president I feel very proud and honoured to be able to be involved in helping develop this new award, and I am looking forward to seeing the quality of the entries for the prize. I urge all of the local schools to encourage their students to enter this competition and help us launch this new award and make it a success.

We still have places left on our council and would welcome any members to come along to a council meeting and get involved with the association. We have a council meeting once a month, so come along and join in, don't be shy!

We also have a vacancy for Vice President still, should any council member wish to put themselves forward for this role, contact me or the Hon. Secretary.

Finally, I would like to take this opportunity to wish all members and guests a very Merry Christmas and a prosperous New Year. I hope to see you at our up and coming events in 2018.

Best Regards,

John Richardson – President