

Summer 2019 Newsletter

Cumbria Members Group



Welcome to the summer 2019 edition of the Cumbria Members Group newsletter. Our aim is to support the professional development of Chemical Engineers in our area, for all ages and levels of experience.

Iggesund Tour Review

In February, the Cumbria Members Group organised two technical tours of the Iggesund high quality Folding Box Board manufacturing facility in Workington. Iggesund Workington is an integrated pulp and paperboard mill.

Since 2013 it has been powered entirely by fossil carbon-free bioenergy. Bleached mechanical pulp is processed to suit the special demands of paperboard manufacture and is combined with purchased bleached chemical pulp into a multi-layered board construction. In 2013, a biomass boiler was opened at the site - having previously relied on fossil fuel for energy, the mill is now carbon neutral, powered 100% on bio-energy.

The event proved to be so popular, we had to arrange two separate visits, which is testament to the level of interest and enthusiasm of our local members. Thanks to our hosts at Iggesund for taking the time out in to show us around and share their knowledge.

All Things Engineering - STEM

Two of our members, Harry Brook and Krishan Dhamelia attended the 'All Things Engineering' fair on behalf of IChemE Cumbria Members Group on 12th June at Lakes College.

The event was aimed at students studying engineering related courses, who are looking at the next steps in their career. Styled as 'speed networking', the students circulated round various stands. The IChemE stand promoted chemical engineering as a career, highlighting the diversity of employment and rewarding work.

Help is required at future events; please contact us if you can lend a hand.



CMG Supported Training

Cumbria Members Group are investigating the feasibility of offering formal training courses or events to members. We're currently gauging interest from our members to see if there is any training topics or areas where we can provide support.

Please contact us if you have any comments or ideas. Our contact details can be found on our website.

Get Chartered Review



In April, Cumbria Members Group supported by Martin Wright, an IChemE C&C report assessor, put on an evening presentation to help and support those aiming to become a Chartered Chemical Engineer.

The evening consisted of presentations and a Q&A session that detailed chartership requirements, writing the Competence and Commitment report, and advice for the interview stage.

Below is a summary of key points raised:

- The application is to become a chartered engineer through IChemE, so it must focus on chemical engineering
- Answer the question – look for key words, “applying appropriate **theoretical** and **practical** methods’, “displaying **creativity** and **innovation**”, “**organising** or **performing technical** work”
- Introduce the topic in your C&C report but your action is the most important – ensure it’s work you’ve undertaken
- Use STAR (situation, task, action, review) in each of your examples

- Very few sections have specific requirements, but critically B(i) requires the demonstration of a systematic approach to the management of hazards i.e. HAZOP
- All candidates applying should have had practical experience and have been employed in a responsible position in chemical engineering
- The focus is on accountability – do other professions rely on your chemical engineering skill?
 - Taking ownership of work
 - Responsibility for decisions
 - Checking or approving work of others
 - Supervision
 - Mentoring
- Your report should be approximately 3000 words in total, and no more than 20% over
- The three main outcomes of the application are:
 - Meets requirements
 - Amplify
 - Resubmit
- An “amplify” or “resubmit” will result in an email with feedback from the assessor – all feedback to candidates should be helpful, specific and constructive
- There are three attempts in total, so only two “recycles” available

We would like to thank everyone who attended the evening and would like to wish good luck to those submitting a chartership application in the near future. Please contact us if you require any further mentor support.

Your Committee

Toby Cushion – Chair
Emily Vincent – Secretary
Phil Murphy – Treasurer
Dan Pocock – Communications

Jenny Sykes – Events
Kim Williams – STEM
Lee Marquis – Mentor coordination

Upcoming Events

Ennerdale Brewery Tour
27th June 2019
Rowrah, Cumbria CA26 3XS

Vertellus Plant Visit
TBC September 2019
Workington