

## **IEX2020 - Ion Exchange Technical Training**

Monday 6 - Tuesday 7 July 2020

## **IEX2020 - A Vision for the Future**

Wednesday 8 - Friday 10 July 2020

Homerton College, University of Cambridge, UK

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# IEX2020 - A VISION FOR THE FUTURE

## ABOUT THE TECHNICAL TRAINING

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This SCI sponsored training course is intended to provide Continuing Professional Development (CPD) for chemists and engineers who are involved with the specification, design, operation and maintenance of ion exchange water purification plant.

Previous IEX event training courses have received wide acclaim from attendees.

"The speakers were very knowledgeable and I am grateful for the opportunity to learn from them. The food and hospitality services were great too. Overall a good experience."

### TRAINING TOPICS

#### ► Introduction to Ion Exchange Design and Operation for Industrial Water Treatment

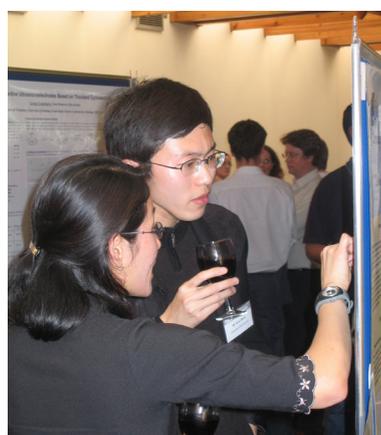
The focus of this course is to provide a good basic understanding of the design basis and operation of ion exchange plants for water treatment, from raw water quality and pre-treatment through to monitoring, control and troubleshooting. The presentations are centred around the ion exchange process itself, explaining how ion exchange resins are manufactured and activated, the different generic resin types and how the process selection is based on the ion exchange resin properties to achieve the desired treated water quality.

This course is designed for utilities engineers, plant supervisors, chemists and those needing a better understanding of water purification by ion exchange.

#### ► Advanced Plant design for Ion Exchange Industrial Water Treatment

The focus of this course is to give a more detailed knowledge of plant design including plant design options, resin selection, plant sizing and modelling, plant operations and trouble shooting.

The course is designed for Process Engineers, Consultants and Managers involved in plant specification, design and operation of industrial water treatment plants.



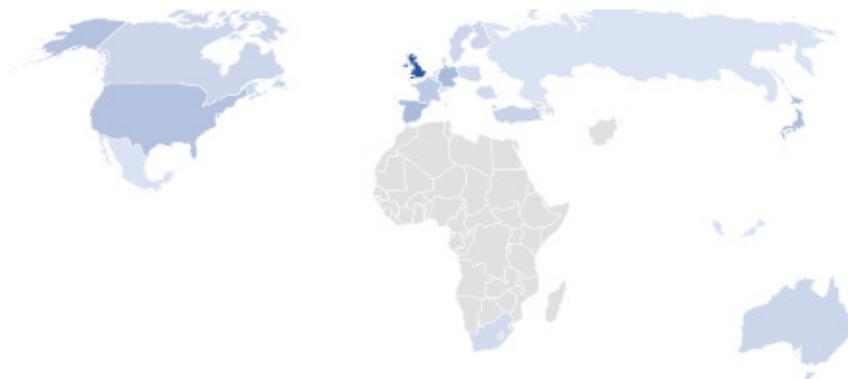
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# IEX2020 - A VISION FOR THE FUTURE

## ABOUT THE CONFERENCE

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The SCI IEX three day conference brings together an internationally recognised group of experts in the field of ion exchange and its associated uses, including water treatment, catalysis, chemical processing, hydrometallurgy and bioprocessing. The 2016 event saw professional and academic attendees from a range of organisations representing over **21 countries worldwide**. The event provided networking and knowledge sharing opportunities.



The Conference started in 1954 and has been held regularly at 4 year intervals since 1976. It is now established as one of the major international conferences of the ion exchange community, sharing its important role with the Japanese Association of Ion Exchange since 2004. Both events are assisted and supported by the independent International Committee for Ion Exchange.

An exhibition will run throughout the week, and poster presenters will display their work during the conference.

### A LOOK BACK TO THE IEX 2016 KEY TOPICS

- ▶ From ion exchange resins to polymer-supported reagents
- ▶ Optimising industrial IEX applications by focusing on basic physics and chemistry; a 30 year retrospect on processes beyond classical water treatment
- ▶ European regulatory requirements for synthetic organic ion exchange resins and adsorbents used in food processing and potable water production
- ▶ History and novel aspects of acidic ion exchange resins as catalysts
- ▶ Present and future applications of ion exchange in hydrometallurgy: an overview

### IEX 2020 CONFERENCE THEMES AND TOPICS

- ▶ Industrial water treatment
- ▶ Nuclear applications
- ▶ Potable water treatment
- ▶ Environmental and pollution control
- ▶ Bioprocesses and bioseparations
- ▶ Food and pharmaceutical applications
- ▶ Chemical processes
- ▶ Plant and equipment design and developments
- ▶ Polymer and Inorganic exchangers and adsorbents
- ▶ Metallurgical applications
- ▶ Catalysis

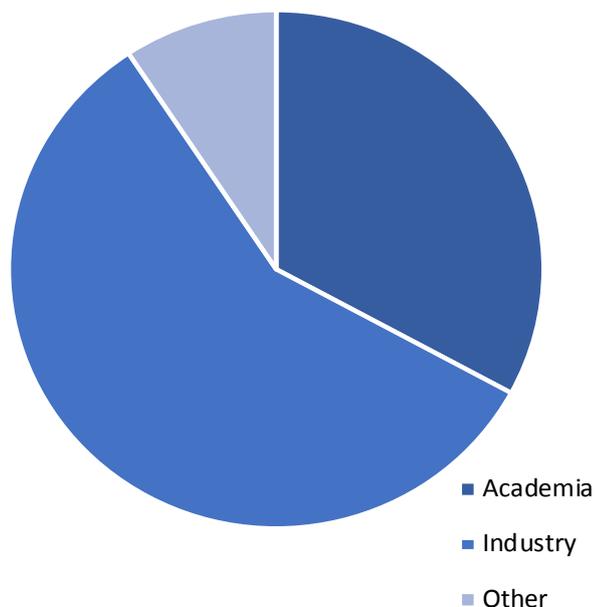
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# IEX2020

## ABOUT THE CONFERENCE

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### PAST ATTENDEES



92% of attendees rated IEX2016 as Excellent or Very Good

215 attendees across 5 days

### ORGANISING COMMITTEE

- ▶ Carl Atkinson, *EDF Energy*
- ▶ Prof Daniel Bracewell, *UCL*
- ▶ Prof Rob Brown, *University of Huddersfield*
- ▶ Noel Carr, *DowDuPont*
- ▶ Prof Michael Cox, *University of Hertfordshire*
- ▶ Prof Harry Eccles, *University of Central Lancashire*
- ▶ Klaus-Dieter Topp, *DowDuPont*
- ▶ Nicki Edwards, *Purolite*
- ▶ Gareth Jones, *Ovivo UK Ltd*
- ▶ Andrew Mosley, *RWE*
- ▶ Mark Ogden, *University of Sheffield*
- ▶ Petra Raab, *Lanxess Deutschland GmbH*
- ▶ Prof Basu Saha, *London South Bank University*
- ▶ Prof Tuomo Sainio, *Lappeenranta University of Technology*
- ▶ Rob Terrell, *Industrial Water Consultants Ltd*
- ▶ Prof Clive Thompson, *SCI & ALS Laboratories (UK) Limited*

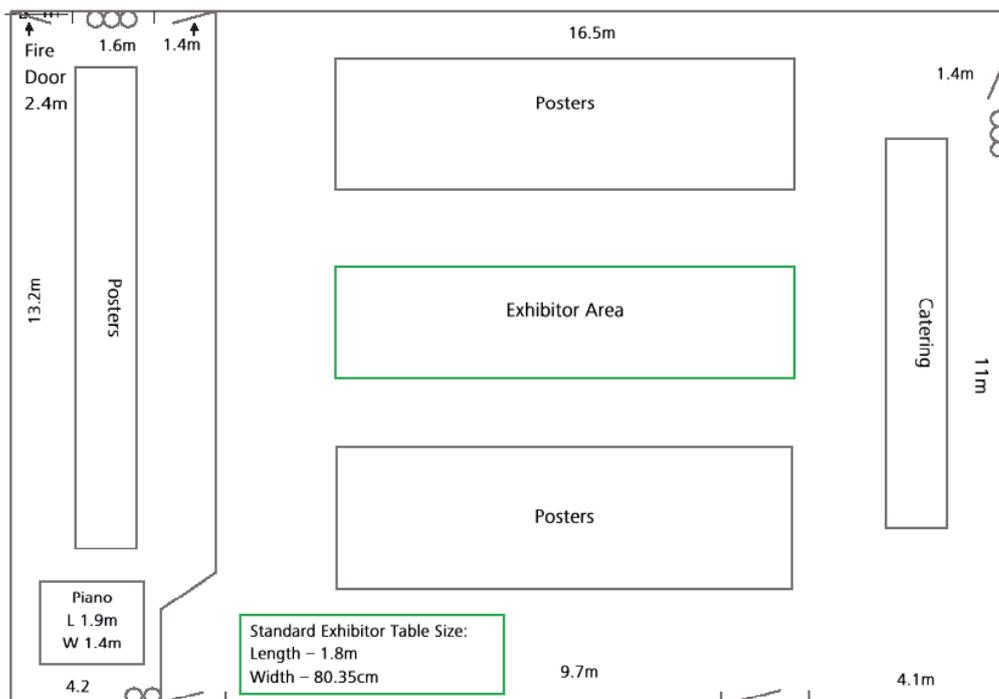
# IEX2020

## EXHIBITION SPACE

The exhibition and posters will be situated in a single area at Homerton College where all refreshment breaks including lunch will be held, ensuring excellent access to delegates throughout the meeting. The floor plan with photos of the exhibition space are below. Preferential space will be awarded to the Gold Exhibitors.



“Well attended conference, good contacts and good conversations. Will definitely exhibit at the next event.”



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# IEX2020

## OPPORTUNITIES FOR YOUR ORGANISATION

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### Gold Exhibitor (Limited Number)

£1,250 + VAT

- 5 day conference registration and refreshments (tea/coffee breaks and lunch) for one delegate
- Exhibitor furniture package (table, chair, standard room lighting)
- Logo displayed on Gold Sponsor and Exhibitor page in delegate pack
- 5 minute key sponsor talk included in main conference programme\*
- Logo and 100 word company profile in delegate pack
- Delegate pack (includes delegate list) (not full contact details due to data protection)
- Logo on the SCI event website (with URL link to organisation website) and on screen in auditorium
- Two-page, A4, colour advert in the delegate pack

\* subject to approval of an abstract which must be submitted to SCI before the event

### Silver Exhibitor

£850 + VAT

- 3 day conference registration and refreshments (tea/coffee breaks and lunch) for one delegate
- Exhibitor stand and furniture package (table, chair, standard room lighting)
- Logo and 50 word company profile in delegate pack
- Delegate pack (includes delegate list) (not full contact details due to data protection)
- Logo on the SCI event website (with URL link to organisation website) and on screen in auditorium

### Bronze Exhibitor

£600 + VAT

- 3 day conference registration and refreshments (tea/coffee breaks and lunch) for one delegate
- Exhibitor stand and furniture package (table, chair, standard room lighting)
- Delegate pack (includes delegate list) (not full contact details due to data protection)
- Logo on the SCI event website

### Sponsor

From £500 + VAT

- Logo on the SCI event website (with URL link to organisation website) and on screen in auditorium
- Logo in the delegate packs
- Opportunity to sponsor specific conference activity e.g. Gala Dinner or Wine Reception (at an additional cost)

The IEX2020 conference hosts key networking evenings throughout the conference. Support either the **Gala Dinner** or a **Wine Reception** and see your company acknowledged in conference materials with the opportunity to display company banner stand for the duration of the Wine Reception or Gala Dinner.

### Delegate Pack Inserts

£350 + VAT

- Two-page, A4, colour advert in the technical training and conference delegate packs

**Please Note:** Conference add-ons such as dinner and accommodation prices will be available later in the year. For further information or questions on exhibiting or sponsorship opportunities at this event please contact [jennifer.mathias@soci.org](mailto:jennifer.mathias@soci.org)





Society of Chemical Industry



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