

Summary of the Separation Science Group of the Analytical Division, Royal Society of Chemistry, Friday 26th November 2010 held in London.

The Technique Selection in Separation Science meeting, organised by Separation Science Group of the Analytical Division of Royal Society of Chemistry, was held on one of the highest floor of Guy's Hospital in London on 26th November 2010.

The meeting contained 8 oral presentations among academic and industry separation scientists and consisted in a presence of circa 80 researchers from these environments.

Professor Dave Perret, Queens Mary University, London, has started the meeting in an excellent talk of introducing the subject of a choice of analytical techniques to molecular properties of analyte. After such brilliant kick-off, Professor Graham Mills from Portsmouth University talked about gas chromatography (GC). The first part of his talk focussed on the introduction of GC that has given fundamentals of the methods for the follow up part of a choice of analyte being analysed by GC. The majority of the talks were covered by GSK, Stevenage researchers who talked about reverse phase and open access systems (Tim Underwood), structural chemistry using computational approach (Andy West), and physicochemical characterisation of analytes (Klara Valko). These presentations have given an opportunity to find out what research focus is based in one of the biggest Pharma industry with the respect to separation science.

The lecture, I have personally enjoyed the most, was presented by David McCalley from University of West of England, Bristol, who, in detailed way, explained HILIC principles.

Two remaining lectures were presented by Paul Clarke from Malvern and Alex Adam from Dionex who talked about polymers separation and ion chromatography respectively. Again, the presenters talked about the principles of methods used, their pitfalls and newest solutions.

Lunch and tea breaks gave attendees the opportunity to discuss their views on talks and research with presenters, as well as meet people from different universities and industries.

Additional help of sponsors encourage attending the meeting for a brilliant price of £15 for a student which I am very thankful for.

I am looking forward to the next Separation Science meeting.

With Regards,

Angelika Galezowska

PhD Student

University of Southampton