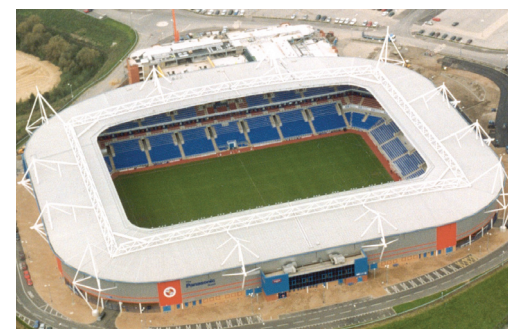


ADVANCES IN STATIONARY PHASE TECHNOLOGY FOR LIQUID CHROMATOGRAPHY

This years Chromatographic Society's Spring meeting and Annual General Meeting will be held at the Madejski Stadium in Reading on Wednesday 21st and Thursday 22nd May. The theme for the meeting is 'Advances in stationary phases for liquid chromatography'. The Spring meeting will be held over one-and-a-half days (the meeting commences early on Wednesday afternoon) allowing for an extensive range of presentations from academics, industrial speakers and column vendors. This will be accompanied by a column and instrument exhibition in the spacious foyer adjacent to the auditorium. Additionally, a symposium dinner will be held at the venue, complete with after-dinner speaker. The preliminary programme is shown below.

The Madejski Stadium is the home of Premier League Reading Football Club and London Irish Rugby Football Club. Accommodation is available at the adjacent Madejski Millenium (where a reduced delegate rate has been negotiated) or the nearby Cophorne hotel. Agilent Technologies have generously agreed to be principal sponsor for the meeting and will give the first seminar in the vendor sessions. The Plenary lecture will be presented by Dr Ron Majors of Agilent Technologies who is the 2007 Chromatographic Society Martin medal winner. He will be presenting an overview of the current and his views for the future direction of liquid phase technology. Ron, has over 250 publications in chromatography, sample preparation, and surface chemistry. Ron is probably best known for his monthly column "Column Watch" and "Sample Preparation Perspectives" for LCGC Magazine. Also presenting in this session will be Dr Gert Desmet (Brussels Free University, Belgium) who will be discussing his research in the field of support morphology and chromatographic performance of microfabricated pillar arrays for liquid separations.



The Madejski Stadium, the venue for this years Chromatographic Society's Spring meeting and Annual General Meeting and the home of Premier League Reading Football Club and London Irish Rugby Football Club.

communications regarding this meeting. The session will be completed by Dr Maria Luz del la Puente (Lilly, Spain) who will discuss chiral stationary phase selectivity in Supercritical Fluid Chromatography (SFC).

In the afternoon, the second invited lecturer session will reflect on 'Novel supports and stationary phases'. Prof. Peter Myers (University of Liverpool, UK) will open this session and will give his views on alternative supports to silica as liquid chromatography stationary phases. This will be followed by a presentation by Dr Frederic Lynen from the University of Ghent (Belgium) who will be discussing the use of thermally responsive polymers. Dr Richard Ansell (University of Leeds, UK) will then provide an overview and his groups research on Molecularly Imprinted Polymers (MIPs) as highly selective stationary phases for chiral and small molecule separations.

Chromatography Focus

Later that afternoon, Prof. Mel Euerby (Hichrom, UK) and Prof. Roman Kaliszan (Gdansk University, Poland) will provide complementary views on methods to characterise liquid stationary phases. While Mel is likely to be providing one view using Principal Component Analysis (PCA) to classify particles, Roman will be presenting an alternative view utilising Quantitative Structure Retention Relationships (QSRRs).

The second day will be opened with a session on 'Industrial Perspectives'. In this application based session Dr Roman Szucs (Pfizer, UK) will provide an insight into the real advantages of using sub 2 micron particles for Ultra High Pressure Liquid Chromatography (UHPLC). Dr Tony Edge (Astra-Zeneca, UK) will give a presentation on the role of the stationary phase in high temperature UPLC. Note that this presentation will replace Ian Mutton's contribution which was advertised in previous

Finally in this session, Dr Zhengjin Jiang (Novartis, Horsham, UK) will present his research on novel monolithic stationary for the analysis of small pharmaceutical molecules.

On both days there will be sessions dedicated to vendor presentations. In these sessions the vendors will provide insight into their current product portfolio's and the application of their technologies to small molecule separations.

Registration is now open for this meeting.

A limited number of bursaries are being provided by the Chromatographic Society for students wishing to attend this meeting. Requests for bursaries should be directed to Dr Steve Rumbelow (s.rumbelow@earthlink.net). General enquiries for the meeting should be directed to Ted Adlard (tedadlard@gaschrom.demon.co.uk).

Chromatographic Society Spring meeting & AGM - 21st-22nd May 2008, Madejski Stadium, Reading, UK

Advances in Stationary Phases for Liquid Chromatography

DAY 1

12:00 Registration, exhibition and light buffet lunch
13:00 Welcome address – Prof. John Lough

Session 1: Current state-of –the art and the future

13:15 Keynote Lecture 1: Dr Ron Majors (Agilent, USA) - Overview of current and future technology.
14:00 Keynote Lecture 2: Dr Gert Desmet (Brussels Free University, Belgium) – Support morphology and chromatographic performance
Scientific Vendor Presentations 1
14:40 Gold sponsor seminar: Agilent
15:20 Vendor 2: TBA
15:40 Vendor 3: TBA
16:00 Tea Break

Session 2:

16:30 Lecture 1: Prof. Mel Euerby (Hichrom, UK) - Column classification
17:00 Lecture 2: Prof. Roman Kaliszan (University of Gdansk, Poland) - Molecular mechanism of HPLC retention and column classification in view of QSRR
17:30 Close of Day 1 and Evening Arrangements
19:30 Meeting Dinner

DAY 2

9:00 Arrival and coffee

Session 3: Industrial perspectives

9:30 Lecture 3: Dr Roman Szucs (Pfizer, UK) - Real benefits of sub 2 micron particles
10:00 Lecture 4: Dr Tony Edge (Astra-Zeneca, UK) - Stationary phase selectivity in high temperature UPLC
10:30 Lecture 5: Dr Maria Luz de la Puente (Lilly, Spain) – Stationary phase selectivity in preparative chiral SFC
11:00 Tea Break
Scientific Vendor Presentations 2
11:40 Vendor 4: TBA
12:00 Vendor 5: TBA
12:20 Vendor 6: TBA
12:40 Vendor 7: TBA
13:00 Lunch
13:30 AGM

Session 4: Novel supports and stationary phases

14:30 Lecture 6: Prof Peter Myers (University of Liverpool, UK) - Alternative stationary phase supports - Why use silica?
15:00 Lecture 7: Dr Frederic Lynen (University of Ghent, Belgium) Thermally responsive polymers
15:30 Tea break
15:45 Lecture 8: Dr Richard Ansell (Leeds University, UK) - Molecularly Imprinted Polymers
16:15 Lecture 9: Dr Zhengjin Jiang (Novartis, UK) - Monoliths for small molecule separations
16:45 Closing Address: Prof. John Lough

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Note preliminary agenda: Speakers, topic areas or presentation times may be subject to change