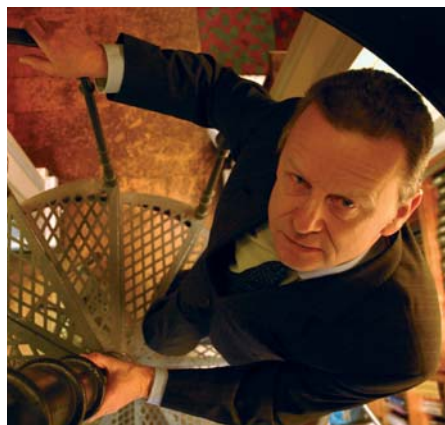


RSCnews

RSC measures the Campaign gains

The Campaign for Chemical Sciences has made a significant impact during its first full year of activities

THE CAMPAIGN HAS been built on the strength of activities across the organisation, and has successfully changed government views, increased support for chemical sciences, and raised the profile of the RSC. Key to this success has been the support of members, and the use



Simon Campbell stands up for the future of chemical sciences

of robust data and evidence to support the RSC's arguments.

The government addressed RSC concerns in its Comprehensive Spending Review and as part of the *Science and the Innovation Investment Framework* published in July 2004 as a result of evidence provided by the RSC. A significant part of the Campaign's next phase is to ensure the main headlines outlined in the spending review are delivered.

RSC data are being used by the government for planning purposes, as highlighted in Secretary of State for education and skills Charles Clarke's speech to Universities UK on 9 September, in which he referred to the RSC's concern that the future of chemical sciences in higher education needs

to be secured.

The Campaign has been mentioned in Parliament and at events such as the 'Delivering the ten year investment framework' summit. It has been discussed at several high profile meetings with Ministers, such as those held in 11 Downing Street. In addition, the media is reporting RSC activities; articles and letters have been published regularly in the broadsheets, including letters prompted by the publication of the careers supplement in *The Independent*. Recent press coverage, coupled with much behind the scenes work of the RSC media office, led directly to the future of chemistry being a main feature on the BBC1 6 o'clock news during August.

At a European level, the Campaign has influenced the proposed REACH regulation. For example, RSC President Simon Campbell and Chief Executive David Giachardi met with MEPs in January. The RSC is also playing its part in developing the next EU Framework Programme.

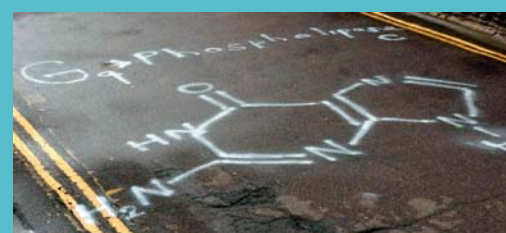
Simon Campbell said: "The Campaign was initiated to deliver our messages in a more focussed and effective manner. Our members expect the RSC to be more relevant and to stand up for the future of chemical sciences. We've already made a significant impact and we've only just started. I believe this shows what the RSC can achieve and the key role we will be playing in the future."

A full progress report is due to be published shortly on the web site where full details of the Campaign's activities can be found. For further details, contact Lynda Thrift at Burlington House (address on page 16), tel +44 (0)20 7440 3316, email thriftl@rsc.org or go to www.rsc.org/campaign

INSIDE...

DNA vandals

Britain's cleverest graffiti artist! **See page 2**



Working in Parliament

Jenny Steere describes her experience as the first RSC Westminster Fellow **See page 12**

A Credit to Chemistry

Best chemistry student picks up her award at the SET Student of the Year awards **See page 2**



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RSC

advancing the chemical sciences

NEWS



IN A RECENT SURVEY of members, designatory letters were cited as a key benefit of membership. Over the past 12 months, the RSC has been working hard to promote the Chartered Scientist (CSci) designation along side Chartered Chemist (CChem).

Members have stressed that the RSC should be more vocal (and effective) in putting the case for chemical science and scientists with the media, government, funding agencies and other key opinion formers. The RSC has risen to the challenge. On the front of *RSC News* you can read about the success of the Campaign for Chemical Sciences: its impact is remarkable given the relatively short timescale since its initiation.

The RSC has changed government policy which is now committed to supporting the role of chemical science within HE and in schools. This is seen as a key driver for the future of the UK. There is also increased media attention for what we do.

Our success is built on one key factor: our members. Your support enables the RSC to be effective. I hope that you will continue to be a member during the coming year and help to build upon the great success we have achieved in 2004.

Neville Reed

NEVILLE REED
DIRECTOR OF COMMUNICATION AND
MEMBERSHIP

To comment on anything in *RSC News*, contact the editor at Thomas Graham House (address on page 16) or call +44 (0)1223 432388 or email rsnews@rsc.org

A credit to chemistry at the SET awards 2004

LAURA YONGE, AN ASSOCIATE Member of the RSC from the University of Surrey, has won the Pfizer award for the best chemistry student in the 2004 Science, Engineering & Technology Student of the Year awards – the UK's most important technology education awards.

Laura saw off stiff competition from other finalists, Timothy Hurst from Exeter University and Pui Shan Pang from University College London, to win the award, which was judged by the RSC. Laura submitted a 2,000-word synopsis on 'Disposable carbon fibre electrodes for thiol detection and differentiation in human

plasma' for the award and had a one-hour interview at the RSC in London.

Speaking at the award ceremony at the Guildhall in London in September, Julian Blagg, of Pfizer, paid tribute to the three finalists saying they were "a credit to chemistry, a credit to themselves and a credit to those who trained them". Laura received a trophy and a cheque for £500, watched by her project supervisor Professor John Hay from Surrey University and her very proud brother Timothy Yonge.

Timothy Hurst, one of the finalists, said he enjoyed the whole competition. "The awards were absolutely superb, I had a fantastic evening. I was pleased just to be asked to enter but getting to the final was incredible. The dinner was lovely and getting to sit with so many distinguished scientists was an honour".



Laura Yonge receives the Best Chemistry Student Award from Pfizer's Julian Blagg

i For more information go to www.setawards.org or contact Jane Foster, Membership Marketing Executive at fosterj@rsc.org or 01223 432296

"The level of chemical presence in bodies is the key issue" says Giachardi

RSC CHIEF EXECUTIVE, David Giachardi, has voiced his concerns that a WWF report misrepresents the dangers of man-made chemicals to the public. Agreeing with the need to protect the public from damaging substances, he points out in a letter to *The Independent* (11 October)

that it is not necessarily the presence of a toxic substance which gives cause for concern, as the WWF imply, rather it is the amount present. He stresses the need for all such organisations, including the RSC, to be "balanced, restrained and holistic" in their reports.

Resources for schools and colleges held in high regard by teachers

FROM JANUARY TO SEPTEMBER 2004 the RSC curriculum programme, including books, CDs, internet and other resources, and the teachers CPD programme, underwent an in-depth review by a team of external evaluators from the Open University. The evaluators, headed by Dr Patricia Murphy, Director of the Centre for Curriculum Studies, held a series of face-to-face interviews with teachers and students. The evaluation highlighted the high regard with which both

RSC material and CPD courses are held by teachers, but it also identified several areas for action. The report is being considered by the Education and Qualifications Board (EQB) in November, following which it will be available on the RSC website.

i For further information contact Colin Osborne at Burlington House (address on page 16) tel 020 7440 3342

Simon Campbell talks science at No 10

AT RECENT TALKS with senior officials at 10 Downing Street, Dr Simon Campbell, RSC President, raised a number of important issues for the chemical sciences.

Dr Campbell said: "I am hoping that the RSC can play a constructive part in government consideration of a range of science-related issues likely to arise in the course of the coming year."

Among the topics covered were increased support for university chemistry departments, the REACH (Research Evaluation and Authorisation of Chemicals)



RSC President, Dr Simon Campbell, outside No 10, where he went recently for talks with senior officials

proposals from the EU, and science issues likely to arise when the UK holds the presidency of the G8 and the EU during 2005.

Dr Campbell said later that this meeting was part of the process of building a constructive working relationship between the RSC and the government.

i A new parliamentary research paper on REACH is available from the RSC's parliamentary website at www.rsc.org/pdf/parliament/jennysteere.pdf

Chemistry in the streets

THE RSC'S CHIEF Executive, David Giachardi, wrote to the *Financial Times* after what has been called Britain's cleverest graffiti artist daubed part of a chemical



A graffiti representation in Cambridge of a molecule called guanaine

compound on a street in Cambridge.

Although Dr Giachardi did not condone the vandalism, he said: "I must nevertheless praise the excellently produced DNA molecule image."

Arguing the need to value more highly chemistry education at universities, he added: "I would relish the chance, were it legally allowable and aesthetically inoffensive, to paint on every corner and junction of every town and city, in whopping words, the line 'Chemistry Vital – OK!?'."

Dr Giachardi noted that it was thanks to chemistry that we are able to clean up graffiti.

RSC meets Lord Sainsbury

ON 7 OCTOBER, an RSC delegation led by Dr David Giachardi, met with Lord Sainsbury, Minister of Science, to discuss REACH and also the RSC's pioneering project on spinout companies.

The RSC, in fulfilment of its Charter commitment to *serve the public interest*, has scrutinized REACH and identified areas where improvements could be made. Dr Giachardi said after the meeting that it "reinforced relations between the RSC and the Minister".



Dr Rodney Townsend, RSC, Lord Sainsbury, Dr David Giachardi, and Stephen Benn, RSC

Progress for the Eurobachelor

THE INAUGURAL MEETING of the Eurobachelor Label Committee has taken place in Madrid. The committee, elected by members of the European Chemistry Thematic Network Association (ECTNA), consists of representatives of nine countries and is charged with applying standards and practices set out in *The Chemistry "Eurobachelor"* document. Professor Terry Mitchell of the University of Dortmund was elected Chairman of the committee while Dr David Barr, the RSC's Manager Admissions and Qualifications, was elected secretary.

At the meeting a definitive version of the Eurobachelor document was agreed, guidelines for submission and assessment procedures were developed, costings were recommended to ECTNA, and a marketing strategy initiated.

The Eurobachelor project, which seeks to define a Bachelor's degree in chemistry within the 'post-Bologna' European higher education area, is to receive funding for piloting from the European Commission. The Eurobachelor Label Committee is now planning the launch and is actively seeking institutions wanting to apply for the label.

i For further information go to www.cpe.fr/ectn/ectn_association.htm

Lecture prize

THE NATURAL PRODUCT Reports Journal Lecture Prize 2005 has been awarded to Professor John Mann (Queen's University, Belfast) for his lecture entitled 'Synthetic Approaches to Eleutherobin, Huperzine A, Combretastatin D1, and Other Biologically Interesting Molecules'.

The lecture will take place at the University of Manchester on 24 November 2004 and at the University of Western Australia in Perth during 4-8 April 2005.

These awards are presented at the discretion of the NPR Editorial Board and are generally for those who have provided a significant contribution to the journal.

Previous awards were presented to Tom Simpson (2003) and John Vederas (2004).

Occupational and Environmental Toxicology Group

THE RSC OCCUPATIONAL and Environmental Toxicology Group (OETG) represents and informs RSC members on the risks from chemicals in the work place and in the environment, with emphasis on human toxicological implications and risk management. OETG also has an input to the Environmental Health and Safety Committee of the RSC, the main policy unit on health, safety and environmental issues. Recent restructuring of RSC activities regarding related areas to develop the Environment, Sustainability and Energy Forum is synergistic with the aims of OETG.

OETG aims to foster understanding and dissemination of scientific issues within its remit and has an important role in education; particularly within HE institutions.

The group maintains formal links with the British Toxicological Society and the Royal College of Pathologists. Members are drawn from academic, public and commercial enterprises to encompass all shades of experience. Occasional scientific meetings are organised on topics considered to be of general topical interest both to the members and others in associated fields.

The group's next meeting - 'Alternatives to animal testing are not just *in vitro* testing' (London, 23 November) - aims to consider alternative methods in light of the new legislation regarding cosmetics and REACH, alternative tests available now, and future needs. Barriers associated with the current validation process; case studies illustrating the advantages and disadvantages of *in vitro* tests; intelligent approaches to safety evaluation; and the challenges facing the use of alternative test data in chemical risk assessments will also be addressed.

i If you are interested in attending this meeting or joining the OETG, visit www.rsc.org/lap/rscom/dab/scaf014.htm or contact Dr Carol Courage, Group Chair (carol.courage@unilever.com) or Kate Jones, Group Secretary (kate.jones@hsl.gov.uk)

John Dalton celebrated at ACS meeting in Philadelphia

THE VITALITY OF chemistry was highlighted at the recent joint RSC/ACS inorganic symposium held to mark the bicentennial of John Dalton's atomic theory.

The quality of the new science presented at the one-day event, which took place at the American Chemical Society's National Meeting in Philadelphia in August, was excellent and effectively demonstrated the breadth and vitality of inorganic chemistry at the beginning of the 21st century.

The speakers explained how knowledge gained from studies in this field has significance in other areas of scientific investigation and can



Professor Harry Gray

lead to important applications, notably in biology and the synthesis of prescribed polymeric arrays and 'smart' materials.

Professor Arnold Thackray, President of the Chemical

Heritage Foundation in Philadelphia, gave a lecture, entitled 'Who was John Dalton? The personal nature of impersonal science', which put Dalton's achievements in the context of the scientific, political, and economic circumstances of his day. Professor Thackray also put the challenges experienced by today's scientists into the context of the problems faced, and the approach adopted, by Dalton 200 years ago.

The speakers were all recent RSC medal winners: Professor Harry Gray, California Institute of Technology, US; Professor Michael George, University of Nottingham, UK; Professor Philip Power, University of California at Davis, US; Professor Vernon Gibson, Imperial College London, UK; Professor Peter Bruce, St. Andrews University, UK; Professor Tobin Marks, North Western University, US; Professor Andrew Thomson, University of East Anglia, UK; and Professor Edward Solomon, University of Stanford, US.

The meeting was convened by Professor Malcolm Chisholm (Ohio State University) and Professor Dave Garner (Past-President of the Dalton Division).

RSC goes to Africa

THE 9TH INTERNATIONAL Chemistry Conference in Africa was held from 2-7 August in Arusha, Tanzania under the title 'Chemistry Towards Disease and Poverty Eradication'. These triennial meetings are held under the auspices of the African Association of Pure and Applied Chemistry (AAPAC) and have long had an RSC involvement.

Almost 150 people attended from African countries, along with experts from outside the continent. The RSC's support enabled six young people to attend, from Kenya, South Africa and Uganda. In addition, the RSC hosted a member reception. Stanley Langer represented the RSC and gave a brief presentation during the opening ceremony attended by Tanzania's Deputy Minister for Education, Science and Technology. Discussions were later held with her to investigate the possibility of expanding the RSC's Chemistry Aid initiative (*RSC News*, June 2004, page 7) into Tanzania.

The conference comprised ten plenary talks and upwards of 70 other lectures divided into

three themes – natural products, analytical chemistry and environmental issues. A pre-conference workshop on natural product chemistry was held in Dar es Salaam. The meeting concluded with the AAPAC General Assembly which agreed that the 10th ICCA in 2007 would be held in Libya or Angola. The opportunity was taken to play co-host to a workshop on Chemistry, Sustainable Agriculture and Human Well-being in sub-Saharan Africa. This is the subject of an IUPAC Chemrawn meeting to be held in 2005 and it is anticipated that the RSC will be actively involved.



Delegates at the 9th International Chemistry Conference in Africa

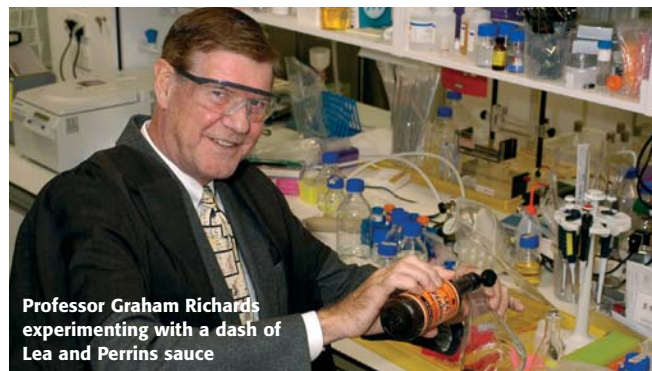
Landmark unveiled at Dyson Perrins Laboratory

AN RSC HISTORIC Chemical Landmark has been unveiled at the University of Oxford. The plaque celebrates and commemorates the Dyson Perrins Laboratory, which was a major centre for organic chemistry from 1916 to 2003. It had only four heads in that time, the Waynflete Professors, WH Perkin Jnr, Sir Robert Robinson OM, Sir Ewart Jones, and Sir Jack Baldwin.

Sir Robert Robinson carried out his work on natural products at the laboratory in 1947, for which he subsequently won a Nobel prize. Sir Robert's daughter, Dr Marion Way attended the ceremony. The plaque will be mounted on the



Sir Robert Robinson's daughter, Dr Marion Way, attended the unveiling ceremony



Professor Graham Richards experimenting with a dash of Lea and Perrins sauce

site of the Dyson Perrins Laboratory.

The ceremony took place at the Wolfson Seminar Room in the university's newly opened Chemistry Research Laboratory. The plaque was formally unveiled

by Sir Colin Lucas, the university's Vice-Chancellor, Professor Graham Richards, Chair of Chemistry, and Dr David Giachardi, RSC Chief Executive. Dr John Jones gave a presentation on the history of the Dyson Perrins Laboratory and Professor Sir Jack Baldwin delivered a spellbinding lecture on 'Organic chemistry: its role in the world'.

Dr John Jones reminisced that "the DP was a very productive and fertile place". Commenting on the difference between the new laboratory facility, which was opened by the Queen earlier this year, and the Dyson Perrins Laboratory, Dr Jones said: "Here we are at the [Dyson Perrins Laboratory's] wake, to give thanks that we are here and not there."

A little known fact is that the laboratory was established thanks to the businessman Dyson Perrins, better known for the brown relish which also bears his name.

Conference team moves to TGH

THE RSC CONFERENCES TEAM has relocated from Burlington House to Thomas Graham House in Cambridge. The move will enable closer working relationships with the RSC's membership, communications, accounts, IT and publishing staff, all of whom are based in Cambridge. This will result in streamlined administration, a more diverse conference portfolio through collaborations with Publishing, and more effective communication with our members.

Four new staff have joined the team: Rebecca Quine (Development & Promotion Executive), Morwenna Gilbert and Elaine O'Brien (Conference Executives), and Fiona Nalden (Conference Administrator). The conference team will continue to be managed by Nicole Morgan.

We would also like to recognise the hard work and dedication of Nicola Cuthbert, Christine Hall, Diana Hort, Penny Mohamed, Jane Irvine and Christine Charlton, the London-based conferences staff who left the RSC on 1 October.



For more information, contact conferences@rsc.org

Education conference

IN AUGUST, THE RSC participated at the biennial International Conference on Chemical Education in Istanbul hosted by the Turkish Chemical Society. Dr Colin Osborne (Education Manager, schools and colleges) gave a presentation on 'Improving Teaching and Learning in Chemistry Using ICT'. RSC Registrar, Dr Tony Ashmore, UK representative on the IUPAC Committee for Chemical Education (chaired by RSC Fellow Professor Peter Atkins), also attended. Members of the RSC Education Division – Dr Stuart Bennett, Dr Tina Overton and Dr John Oversby – gave presentations. A varied lecture and workshop programme involved many speakers and participants from Asia. The next conference will be held in South Korea in 2006.



For information contact Colin Osborne tel +44 (0)20 7440 3342; email osbornec@rsc.org

We have the Chemical Technology ...

Q - Where can you read succinct accounts of the latest applications and technological aspects of research across the broad range of the chemical sciences?

A - In *Chemical Technology*, the new monthly supplement from the RSC.

KEEPING UP TO DATE with the latest technical advances is now easier than ever, thanks to the arrival of *Chemical Technology*. Launched as a companion publication to *Chemical Science*, this exciting new supplement highlights content from a range of RSC publications. And best of all, it is freely available online and as a free

supplement in the print issues of selected RSC journals.

Issue 1 (November 2004) contains an eclectic mix of topics – products and processes for a sustainable chemical industry, on-chip cell culture, electroanalysis and monitoring technology for industrial effluents.

Want to read the original article? No problem – each article published in *Chemical Technology* is linked to the full research paper, which is free for a limited period.



Visit www.rsc.org/chemicaltechnology for more information, including details of how to register for e-alerts

EVENTS

Last opportunities

THIS IS THE LAST chance to register for the following events:

- **BioNano Technology II**, 11 November, London
- **Creating Business through Change Management**, 17 November, London
- **RSC Entrepreneurs' Masterclass**, 25 November, London
- **New Horizons for Molecular Informatics**, 7 December, Cambridge

CALL FOR PAPERS' DEADLINES are fast approaching for the following events:

- **Formula IV: Frontiers in Formulation Science**, 4 to 7 July 2005, London
- **MC7: Functional Materials for the 21st Century**, 5 to 8 July 2005, Edinburgh
- **Dalton Discussion 8: Metals: Centres of Biological Activity**, 7 to 9 September 2005, Nottingham

 Go to www.rsc.org/conferences or email conferences@rsc.org

Photochemistry Group: Young Researchers' Meeting

15 December 2004, 10 am – 5 pm
Rutherford Appleton Laboratory, Oxfordshire

THE YOUNG RESEARCHERS' Meeting will provide an opportunity for postgraduate students, post-doctoral researchers and their supervisors to meet others working in the field, present their work as a poster or oral presentation, and visit the Central Laser Facility at RAL.

Keynote lectures will be given by Professor David Phillips OBE (Imperial College London) and Professor Tony Harriman (University of Newcastle).

Registration fees are £18 for students, £35 for RSC members and £50 for non-members, including lunch, refreshments and a book of abstracts. The closing date for registration is 26 November.

 Please contact Professor R G Brown, at rgbrown@glam.ac.uk, or Dr J A G Williams, at j.a.g.williams@durham.ac.uk

MC7: Functional Materials for the 21st Century

University of Edinburgh, UK
5 – 8 July 2005
www.rsc.org/MC7

SEVENTH IN THE highly successful series of Materials Chemistry conferences, MC7 will be of particular interest to those working on the chemistry, physics and materials science of functional materials. Topics will cover Soft and Molecular Materials, Solid State Materials, Nanomaterials, Materials under Extreme Conditions, Biomimetics, Biomaterials Chemistry, Materials for Sustainable Energy and Molecular Electronics.

The call for oral abstracts is available at www.rsc.org/MC7, alongside names of invited speakers and detailed session descriptions.

19th International Symposium Synthesis in Organic Chemistry

St Catherine's College, Oxford, UK
18 – 21 July 2005
www.rsc.org/ORGSYN19

THE ORGANIC DIVISION is pleased to announce the speakers for its flagship conference on Synthesis in Organic Chemistry. In 2005 the list of speakers is headed by Professor Elias Corey of Harvard University and Professor Sir Jack Baldwin from the University of Oxford, and includes many of the top UK and International names in organic synthesis. Visit the website for a full list of speakers, as well as details on how to offer a poster for presentation.

 For information, please call +44 (0) 1223 432254 or email conferences@rsc.org

Young scientists needed for Beijing

THE RSC IS PLEASED to announce its call for applications for Young Observers under the age of 40 to participate in the next IUPAC Congress and General Assembly being held in Beijing from 13-21 August 2005.

To encourage young scientists to participate in these events, the RSC has established a programme offering several bursaries of £1,000 towards the cost of travel, registration and accommodation. Additional funding could be made available to enable individuals to travel elsewhere within China to instigate new, or further existing, collaborations.


For details about the Congress, visit www.ccs.ac.cn/web/mt/IUPAC2005.htm.

The programme provides an excellent opportunity for young scientists to establish international collaborations, gain knowledge

of global research activities and participate in IUPAC activities. Several Young Observers from previous meetings have remained actively involved in IUPAC by joining sub-committees and task groups.

All successful candidates will be encouraged to submit an abstract of a poster or paper to be presented at the scientific Congress and will be expected to participate in the General Assembly. They will be involved in the decision-making process of the UK Delegation.

The deadline for receipt of applications is 31 December.

 For further details about the RSC bursary scheme, including application procedures and criteria for selection, please contact Stanley Langer at langers@rsc.org

Selectivity and ligand design symposium

Dalton and Organic Divisions

A HALF-DAY SYMPOSIUM on 'Selectivity and Ligand Design in Transition Metal Catalysed Synthesis' will be held in the Department of Chemistry, University of Edinburgh at 10.30am on Wednesday 10 November 2004.

This incorporates a Centenary Lecture: 'The Control of Stereoselectivity in Olefin Metathesis by Ligand Design' by Professor R H Grubbs (Caltech) and the Meldola Medal Lecture: 'Eta-2-dba Complexes of Pd(0): The Substituent

Effect in Suzuki-Miyaura Cross-coupling' by Dr I J S Fairlamb (York). A supporting lecture will be given by Professor P Scott (Warwick).

Attendees at this symposium are welcome to attend this year's Science and the Parliament event taking place in Edinburgh later that day (See *RSC News*, October, page 3).

 For further information please contact Stanley Langer at langers@rsc.org

DIARY

Further information

THE RSC NEWS Diary this month lists RSC events from early November to early December 2004 that are held on the RSC conference database. Further details on any of these meetings can be obtained from the named contact or from the chemsoc website at www.chemsoc.org/CFCONE/alldetails.cfm? followed by the specific ID number at the end of each entry – for example, www.chemsoc.org/CFCONE/alldetails.cfm?ID=14001.

SCOTLAND

4 November at 7pm ID=13711

Mid-Scotland Section

Top of the Firm Quiz

Leapark Hotel, Grangemouth

Contact Andrew Grant

T 01324 570002

E rscc@clangrant.fsnet.co.uk

9 November at 4pm ID=13682

Glasgow and West of Scotland Section

The Control of Stereoselectivity in Olefin Metathesis By Ligand Design

University of Glasgow

● Prof R Grubbs, Caltech

Contact Dr Andrew Sutherland

T 0141 330 5936

E andrews@chem.gla.ac.uk

10 November at 3.45pm ID=13483

Aberdeen and North Scotland Section

Understanding the Chemistry of Legacy Nuclear Wastes

Aberdeen University

● Dr Colin Rhodes, BNFL

Contact Richard Wells

T 01224 272920 E r.wells@abdn.ac.uk

10 November at 7.30pm ID=13905

Mid-Scotland Section

Committee Meeting

Falkirk College

Contact Andrew Grant

T 01324 570002

E rscc@clangrant.fsnet.co.uk

10 November at 10.30am ID=13538

Edinburgh and SE Scotland Section

The Control of Stereoselectivity in Olefin Metathesis By Ligand Design

University of Edinburgh

● Prof R Grubbs, Caltech

Contact Neil Robertson

T 0131 650 4755 E neil.robertson@ed.ac.uk

11 November at 4pm ID=13683

Glasgow and West of Scotland Section

Materials Chemistry: Under Extreme Conditions

University of Glasgow

● Prof P McMillan, University College London

Contact Dr Andrew Sutherland

T 0141 330 5936

E andrews@chem.gla.ac.uk

12 November at 12noon ID=13584

Tayside Section

Vanity, Vitality and Virility

University of St. Andrews,

● Dr J Eley, Cambridge University

Contact Dr Nigel Botting

T 01334 463856

17 November at 4pm ID=13684

Glasgow and West of Scotland Section

Semisynthetic DNA-protein conjugates: Novel tools in diagnostics and nanobiotechnology

University of Strathclyde

● Prof C Niemeyer, Dortmund University

Contact Prof Duncan Graham

T 0141 548 4701

E duncan.graham@strath.ac.uk

17 November at 7pm ID=13712

Mid-Scotland Section

Top of the Bench

Falkirk College

Contact Dr Peter Ansell

T 01324 692225 E pete.ansell@enichem.it

24 November at 3.45pm ID=13484

Aberdeen and North Scotland Section

New Chemistry of Oxides and Microporous Materials

Aberdeen University

● Prof M Rosseinsky, Liverpool University

Contact Richard Wells

T 01224 272920 E r.wells@abdn.ac.uk

24 November at 4pm ID=13685

Glasgow and West of Scotland Section

Luminescence Sensors and Switches

University of Strathclyde

● Prof AP Silva, Queens University Belfast

Contact Prof Duncan Graham

T 0141 548 4701

E duncan.graham@strath.ac.uk

24 November at 7.30pm ID=13950

Tayside Section

Chemistry Pub Crawl

Cellar Bar, Bell Street, St Andrews

Contact Dr Joe Crayston

T 01334 463826

E jac@st-andrews.ac.uk

26 November at 4.30pm ID=13542

Edinburgh and SE Scotland Section

The Currents of Life: Electron Flow

Through Iron and Copper Proteins

University of Edinburgh

● Prof HB Gray, Caltech

Contact Neil Robertson

T 0131 650 4755

E neil.robertson@ed.ac.uk

30 November ID=13713

Mid-Scotland Section

Magic Molecules

Falkirk Schools

● Dr Batham & Dr Janes, Open

University

Contact Andrew Grant

T 01324 570002

E rscc@clangrant.fsnet.co.uk

1 December ID=13714

Mid-Scotland Section

Magic Molecules

● Dr Batham & Dr Janes, Open

University

Contact Andrew Grant

T 01324 570002

E rscc@clangrant.fsnet.co.uk

1 December at 3.45pm ID=13945

Edinburgh and SE Scotland Section

Structure Selective RNA Recognition

Heriot-Watt University

● Dr D Berrisford, Manchester University

Contact Keith Morgan

T 0131 451 8037

E K.M.Morgan@hw.ac.uk

2 December at 4pm ID=13686

Glasgow and West of Scotland Section

Application of Metal Oxo Species and Metal-Carbenes in Target Synthesis

University of Glasgow

● Dr R Brown, University of Southampton

Contact Dr Andrew Sutherland

T 0141 330 5936

E andrews@chem.gla.ac.uk

WALES

4 November at 5.30pm ID=13583

South East Wales Section

GE Healthcare Lecture

GE Healthcare, Cardiff

● Prof S Ley, Cambridge University

Contact Dr Paul Jones

T 01656 841720

E pwjones.sewales@btinternet.com

9 November at 4.15pm ID=13845

North Wales Section

Of Quantum Dots and Nanotechnology

University of Wales Bangor

● Prof Paul O'Brien, UMIST

Contact Dr Anna Croft

T 01248 382 375

E a.k.croft@bangor.ac.uk

10 December at 5pm ID=13948

South East Wales Section

Single-site polymerisation catalysis - the key to unlocking the potential of 21st century materials

Cardiff University

● Prof V Gibson, Imperial College London

Contact Dr Nancy Dervisi

T 029 2087 4023

E dervisia@cardiff.ac.uk

11 November at 5.15pm ID=13668

Mid-Wales Section

Spare Body Parts - The Good, the Bad and the Impossible

University of Wales

● Prof L Hench, Imperial College London

Contact John Williams

T 01970 623920

E jh39ph@onetel.net.uk

17 November at 10am ID=13869

South Wales West Section

Schools Chemical Olympiad

Competition: Semi-Finals & Finals

University of Wales Swansea

Contact Dr Jim Ballantine

T 01792 233960 E Ballbish@aol.com

25 November at 5.15pm ID=13669

Mid-Wales Section

Hair Today, Gone Tomorrow - Forensic Analysis of Human Hair

University of Wales

● Dr J Wicks, Tricho-Tech Ltd

Contact John Williams

T 01970 623920 E jh39ph@onetel.net.uk

1 December at 1.45pm ID=13859

North Wales Section

Schools and Public Lecture: Energy: Snap, Crackle, Bang

NEWI

● Dr S Moore and Dr R English, NEWI.

Contact Dr Stan Moore

T 01978 293117/293331

E s.v.moore@newi.ac.uk

SOUTH EAST ENGLAND

5 November at 11.30am ID=13591

Chilterns and Middlesex Section

Retired Members' Meeting: Hot and stimulating: a tale of tea and coffee

● Prof M Spiro, Imperial College London

Contact Dr Stephen Robinson

T 020 8546 7940

E stephen.robinson@ukgateway.net

10 November ID=12887

RSC Food Group

Vitamin C

Burlington House, RSC London

Contact Mike Saltmarsh

T 01420 563413

E inglehurst.foods@btinternet.com

DIARY

10 November at 2.45pm ID=14133
Kent Section

Murder and Mystery - The Chemistry of Poisons

Barton Court Grammar School
● Prof. J Nicholson, Greenwich University
Contact David Arnott
T 01227 595693
E dma@kings-school.co.uk

10 November ID=13868
Theoretical Chemistry Group

Controlling Atoms and Molecules: In Theory and Practice

University College London
Contact Roy Johnston
T 0121 414 7477
E r.l.johnston@bham.ac.uk

11 November at 2.30pm ID=14134
Kent Section

Murder and Mystery - The Chemistry of Poisons

Dartford Grammar School for Girls,
● Prof J Nicholson, Greenwich University
Contact Carol Williams
T 01322 223123
E CW@dartfordgrammargirls.kent.sch.uk

15 November ID=13962
ESEF and MCF

Materials for sustainable energy technologies

Burlington House, RSC London
Contact Eimear Cotter, RSC
T 020 7440 3333 E cottere@rsc.org

16 to 17 November ID=14020
Modern Methods for Characterising Dispersions and Interfaces

Milton Hill House, Stevenon
Contact Peter Dowding
T 01235 469375
E Peter.Dowding@Infineum.com

17 November ID=14022
Management Group

Creating business through change management

Institute of Physics, London
Contact Michele Sahrle
T 0770 3647 189
E enquiries@mconferencing.com

22 November ID=13435
Marketing Group

When things go wrong in the oil/chemical industry

Burlington House, RSC London
● Dr Steve Hall, BP plc
T 020 8568 3242 E rscmg@aol.com

22 November ID=13953
Downland Section

Chemistry Day Out...Post 16 Lectures

Contact John Luton

T 01273 508011 E jl@varmdean.ac.uk

23 November ID=14143
OETG

Alternatives to animal testing are not just in vitro testing

SCI, London
Contact Carol Courage
T 01234 264825
E Carol.Courage@Unilever.com

24 November ID=13592
Chilterns and Middlesex Section

Recent advances of chemical technologies in pharmaceutical industry

London Metropolitan University
Contact Dr Annie Bligh
T 020 7133 2142
E a.bligh@londonmet.ac.uk

25 November ID=14090
Polymer Physics Group

Fracture of polymers

The Institute of Physics, London
Contact Graham Lake
E gjlake@lla.co.uk

25 November ID=13360
Entrepreneurs' Masterclass

English Heritage lecture theatre, London
Contact Rebecca Quine, RSC
T 01223 432373 E quiner@rsc.org

30 November at 4.15pm ID=13593
Chilterns and Middlesex Section

The Currents of Life: Electron Flow Through Metalloproteins

Imperial College London
● Prof H B Gray, Caltech
Contact Dr Nick Long
T 020 7594 5781 E n.long@imperial.ac.uk

1 December 1.30pm ID=14147
Electroanalytical Group

Postgrad Topics in Electroanalytical Science

Birkbeck College, London
Contact Jonathan Slater
T 020 7079 0793
E jonathan.slater@ucl.ac.uk

2 December ID=13490
Pharmaceutical Analysis Group & RPSGB

Genomics, Metabolomics & Proteomics in Drug Discovery & Development

RPSGB, London
Contact Prof GF Phillips, RSC
E philcons@compuserve.com

2 December ID=13005
Dalton Division

The Currents of Life: Electron Flow Through Metalloproteins

University of Oxford
● Prof HB Gray, Caltech

Contact Stanley Langer, RSC

T 020 7440 3325
E langers@rsc.org

2 December 7pm ID=11695

Thames Valley Section

Fun with Chemical Elements

Reading University
Contact John White
T 01491 872371
E john@johnwhite.freeseve.co.uk

2 December ID=12968

Thames Valley Section

The Currents of Life – Electron Flow through Metalloproteins

Thames Valley Section
Contact Bryan Pierce
T 01865 515472
E bandwpierce@btopenworld.com

SOUTH WEST ENGLAND

9 November ID=13565

Bristol and District Section

Women Members' Network Meeting

Contact Hazel Mottram
T 0117 9546395
E hazel.mottram@bristol.ac.uk

10 November at 5.15pm ID=13610

Peninsula Section

Mass Spectrometry of Biomolecules

University of Plymouth
● Prof J Thomas-Oates, York University
Contact Prof Steve Rowland
T 01752 233013

10 November at 5pm ID=13432

Mid-Southern Counties Section

Probing the Atmosphere -

Understanding Ozone Depletion

University of Southampton
● Prof N Harris, Cambridge
Contact Martin Bates
E M.A.Bates@soton.ac.uk

11 November at 7pm ID=13567

Bristol and District Section

Family Evening: The Bubble Show

University of Bristol
Contact Mike Coles
T 0117 9421994
E mike_coles@hotmail.com

12 November ID=13611

Peninsula Section

Top of the Bench

University of Exeter
Contact Dr Mark Wood
T 01392 263450

18 November at 5pm ID=13612

Peninsula Section

Molecular Chirality at Surfaces

University of Exeter
● Prof N Richardson, St. Andrews

Contact Dr Richard Walton

T 01392 263432

24 November at 5pm ID=13613

Peninsula Section

River Water as a Diagnostic Tool for Environmental Health

University of Plymouth
● Prof M Cresser, York University
Contact Prof Steve Rowland
T 01752 233013

1 December at 5pm ID=13614

Peninsula Section

Wilkinson Lecture: Inorganic Electron Transfer Photochemistry

University of Exeter
● Prof Harry Gray, Caltech
Contact Dr Richard Walton
T 01392 263432

1 December at 5pm ID=13433

Mid-Southern Counties Section

Single molecule non-covalent and covalent chemistry in a protein nanoreactor

University of Southampton
● Prof H Bayley, Oxford
Contact Cameron Neylon

T 023 80 594164

E D.C.Neylon@soton.ac.uk

EASTERN ENGLAND

10 November at 7pm ID=14137

Mid-Anglia Section

The Magic of Chemistry: Explosives and Fireworks Lecture

Cambridge University
● Malcolm Armstrong
Contact John O'Toole
T 01223 894174
E john.otoole9@btopenworld.com

10 November at 2pm ID=13217

Essex Section

Chemistry Mastermind Final

Contact Dr Alan Osborne
T 020 8590 2021

12 November at 4.30pm ID=13259

Mid-Anglia Section

The Control of Stereoselectivity in Olefin Metathesis By Ligand Design

Cambridge University Chemistry Labs
● Prof RH Grubbs, Caltech
Contact John O'Toole
T 01223 894174
E john.otoole9@btopenworld.com

19 November ID=13223

Essex Section

Quiz Night

Brentwood School

Contact John Seaman

T 01277 243235
E JSeaman@brentwood.essex.sch.uk

Your guide to RSC events in the coming month

19 November at 2.20pm ID=13631

East Anglia Section

Schools Lecture: Fireworks

Thurston College, Bury St Edmunds

- Rev Lancaster

Contact Dr D Daniels

20 November at 9.30am ID=13634

East Anglia Section

Schools Science Investigation Day

Bayer Cropscience, Norwich

Contact Trevor Jolley

T 01379 678993

E trevor.jolley@talk21.com

24 November at 2.15pm ID=13248

Mid-Anglia Section

Mapping and Interpreting Ring Currents in Aromatic Molecules

Unilever Lecture Theatre, Cambridge

- Prof P Fowler, Exeter

Contact John O'Toole

T 01223 894174

E john.otoole9@btopenworld.com

25 November at 1pm ID=13211

Essex Section

Science and technology of underwear

University of Essex

- Dr A Matthews, De Montfort University

Contact Dr Alan Osborne

T 020 8590 2021

27 November at 9.30am ID=13254

Mid-Anglia Section

Top of the Bench

St Alban's School

Contact Lesley Stanbury

T 01727 855521

E LLSTANBURY@st-albans.herts.sch.uk

1 December ID=14148

Particle Characterisation Group

Particle Characterisation for Food & Pharmaceuticals

Thomas Graham House, RSC Cambridge

Contact Ron Buxton

T 01283 810091 E partide@rsc.org

1 December at 4pm for ID=13421

Mid-Anglia Section

Typical Elements can be Fun!

St. Albans School

Contact Lesley Stanbury

T 01727 855521

E llstanbury@st-albans.herts.sch.uk

MIDLANDS

4 November at 4pm ID=13745

Birmingham and West Midlands Section

Engineering polyketide antibiotic biosynthesis: perspectives and challenges

University of Warwick

- Prof P Leadlay, Cambridge

Contact Prof Martin Wills

T 024 7652 3260

E m.wills@warwick.ac.uk

9 November at 7pm ID=13728

Birmingham and West Midlands Section

Joint Meeting /WMCTC Sixth Form Lecture

University of Birmingham

- David Pybus

Contact D J Jones

E d.j.jones@freenet.co.uk

10 November at 4.30pm ID=13831

Birmingham and West Midlands Section

Organic-Inorganic Hybrid Materials

University of Birmingham

- Dr I Shannon, University of Birmingham

Contact Prof C Greaves

T 0121 414 4397

10 November at 1pm ID=13564

East Midlands Section

Will nanotechnology change our lives?

Nottingham Trent University

- Prof Anthony Ryan

Contact Avtar Matharu

T 0115 8483536

E avtar.matharu@ntu.ac.uk

11 November at 4pm ID=13746

Birmingham and West Midlands Section

Science and chemistry of chocolate

University of Warwick

Contact Prof Martin Wills

T 024 7652 3260

E m.wills@warwick.ac.uk

12 November at 7.30pm ID=13420

East Midlands Section

The Hugo Harries Lecture: Sex and contraception under the Tudors

University of Derby

- Lesley Smith

Contact Trevor Brown

T 01332 591752

E T.M.Brown@derby.ac.uk

12 November at 2.30pm ID=13589

East Midlands Section

The Chemistry of Fireworks

Nottingham Trent University

- Rev Ron Lancaster

Contact Avtar Matharu

T 0115 8483536

E avtar.matharu@ntu.ac.uk

13 November at 10.00am ID=13481

East Midlands Section

Top of The Bench

University of Leicester

Contact Julie Edwards

E juedwards@northamptonshire.gov.uk

17 November at 4.30pm ID=13832

Birmingham and West Midlands Section

Integrating molecular system with electronic materials

University of Birmingham

- Dr A Houlton, Newcastle upon Tyne

Contact Dr Zoe Pikramenou

T 0121 414 2290

17 November at 12.30pm ID=13563

East Midlands Section

Smack, Crack, Speed and Weed - A Forensic Chemist's Tale

Nottingham Trent University

- Dr M Griffin, Forensic Science Service

Contact Avtar Matharu

T 0115 8483536

E avtar.matharu@ntu.ac.uk

18 November at 4pm ID=13747

Birmingham and West Midlands Section

Electrochemically controllable supramolecules

University of Warwick

- Dr G Cooke, Heriot-Watt University

Contact Dr Martin Wills

T 024 7652 3260

E m.wills@warwick.ac.uk

23 November at 7pm ID=13729

Birmingham and West Midlands Section

AQA AS: Moles Revision Topic

University of Birmingham

- Dr B Hildick, AQA

Contact D J Jones

E d.j.jones@freenet.co.uk

24 November at 4.30pm ID=13833

Birmingham and West Midlands Section

Replicate, divide, mutate, survive: Evolving crystal structures from PXRD

University of Birmingham

- Dr M Tremayne, University of Birmingham

Contact Dr Koji Ando

T 0121 414 2911

25 November at 4pm ID=13748

Birmingham and West Midlands Section

Physicochemical phenomena in micro- and nanochannels

University of Warwick

- Jan Eijkel

Contact Prof Martin Wills

T 024 7652 3260

E m.wills@warwick.ac.uk

30 November ID=13442

Chocolate - Food of the Gods

University of Nottingham

- Dr Steve Beckett

Contact Martin McCoustra

T 0115 9513568

E martin.mccoustra@nottingham.ac.uk

1 December at 4.30pm ID=13834

Birmingham and West Midlands Section

Isolation and characterisation of the flourinase, a C-F bond forming enzyme

University of Birmingham

- Prof D O'Hagan, St Andrews

Contact Prof R K Allemann

T 0121 414 4359

1 December at 12.30pm ID=13588

East Midlands Section

Hair Today, Gone Tomorrow? A Forensic Analysis of Human Hair

Nottingham Trent University

- Dr John Wicks, Tricho-Tech

Contact Avtar Matharu

T 0115 8483536

E avtar.matharu@ntu.ac.uk

2 December at 4pm ID=13749

Birmingham and West Midlands Section

Adventures in Biomimetic and Supramolecular Chemistry

University of Warwick

- Prof T Davis, Bristol

Contact Dr Martin Wills

T 024 7652 3260

E m.wills@warwick.ac.uk

NORTH EAST ENGLAND

5 November ID=13764

Sheffield District Section

Functional Ligands for Reactivity and Catalysis with Metal Complexes

University of Sheffield

- Prof R H Grubbs, Caltech

Contact Richard King

T 0114 222 9309

E r.m.king@sheffield.ac.uk

9 November at 4.15pm ID=13456

Newcastle upon Tyne and NE Section

Clusters & nanoparticles in devices & catalysis

University of Newcastle upon Tyne

- Prof B Johnson, Cambridge

Contact Ian Edwards

T 0191 488 1969 E Ian.Edwards@nd.ac.uk

10 November at 2pm ID=13707

Central Yorkshire Section

Magnets and masses – spectroscopy and spin solve structures

University of Bradford

- Drs Bowen & Maitland, Bradford

Contact Tasmin Munshi

E tmunshi@bradford.ac.uk

10 November at 1.30pm ID=13655

Huddersfield Section

Top of the Bench

University of Huddersfield

Contact Dr Steve Turner

T 01484 422383

E steve@turners7.freeseve.co.uk

DIARY

10 November at 4pm ID=13647

North Humberside Section

Chocolate, Food of Gods

University of Hull

● Dr Stephen Beckett, Nestle

Contact Dr Tom McCreedy

T 01482 466407 E T.McCreedy@Hull.ac.uk

10 November ID=13523

Newcastle upon Tyne and NE Section

Schools Quiz

University of Newcastle

Contact Ian Edwards

T 0191 488 1969

E Ian.Edwards@nd.ac.uk

11 November at 5pm ID=13765

Sheffield and District Section

The Story of NO: How a small toxic molecule made it to the big time

University of Sheffield

● Prof M Hughes, Kings College London

Contact Richard King

T 0114 222 9309

E r.m.king@sheffield.ac.uk

16 November at 5.15pm ID=14067

Teesside Section

Light Relief

Durham University

● Prof D Phillips

Contact Richard Ward

T 0191 334 2042

E richard1.ward@durham.ac.uk

22 November at 6.30pm ID=13525

Newcastle upon Tyne and NE Section

Industrial Visit and Meeting

Thomas Swan & Co Ltd, Consett

Contact Ian Edwards

T 0191 488 1969

E Ian.Edwards@nd.ac.uk

23 November at 4.15pm ID=13524

Newcastle upon Tyne and NE Section

Recent advances in the total synthesis of antibiotic natural products

University of Newcastle

● Prof T Barrett, Imperial College London

Contact Ian Edwards

T 0191 488 1969

E Ian.Edwards@nd.ac.uk

24 November at 3.15pm ID=13656

Huddersfield Section

The Magic Behind Your Cuppa

University of Huddersfield

● Jacek Obuchowicz, Unilever

Contact Dr Steve Turner

T 01484 422383

E steve@turners7.freeserve.co.uk

24 November at 11.00am ID=13003

Dalton Division

Photons, Electrons and Inorganic Chemistry

University of York

● Prof HB Gray, Caltech,

● Prof RJH Clark, UCL

Contact Stanley Langer, RSC

T 020 7440 3325

E langers@rsc.org

25 November at 7.30pm ID=13657

Huddersfield Section

The European Wine Lake: Can we drink it dry?

University of Huddersfield

● Prof J Hepworth, Central Lancashire

Contact Dr Steve Turner

T 01484 422383

E steve@turners7.freeserve.co.uk

26 November at 8pm ID=13308

Southumbria Section

Festive Wine tasting evening

Franklin College, Grimsby

Contact Mike Lidgard

T 01472 875000 daytime

E mike.lidgard@franklin.ac.uk

30 November at 4.15pm ID=13459

Newcastle upon Tyne and NE Section

Controlling electrons and molecules with lasers

University of Newcastle upon Tyne

● Prof H Fielding, UCL

Contact Ian Edwards

T 0191 488 1969

E Ian.Edwards@nd.ac.uk

1 December at 1.30pm ID=13658

Huddersfield Section

W E SCOTT Schools 6th Form Lecture

● Dr I Griffin

Contact Dr Steve Turner

T 01484 422383

E steve@turners7.freeserve.co.uk

1 December at 2pm ID=13309

Southumbria Section

Science & technology of underwear

King Edward VI Grammar School, Louth

● Dr A Mathews De Montford University

Contact John Sharpe

T 01507 600456

1 December ID=13526

Newcastle upon Tyne and NE Section

Visit to Wylam Brewery

Wylam Brewery, Heddon-on-the-Wall

Contact Ian Edwards

T 0191 488 1969

E Ian.Edwards@nd.ac.uk

1 December at 3.15pm ID=13902

Huddersfield Section

Smack, Crack, Speed and Weed - A forensic chemist's tale

University of Huddersfield

● Dr Ian Griffin, Forensic Science Service

Contact Dr Steven Turner

T 01484 422383

E steve@turners7.freeserve.co.uk

2 December at 5pm ID=13767

Sheffield and District Section

Molecules and Murder: The Chemistry of Poisons

University of Sheffield

● Prof J Nicholson, Greenwich University

Contact Richard King

T 0114 222 9309

E r.m.king@sheffield.ac.uk

NORTH WEST ENGLAND

10 November at 9.30am ID=14102

Molecular Spectroscopy Group

What's happening in process analysis?

The Heath, Runcorn

Contact Tom Lynch

T 01482 892041 E lyncht2@bp.com

19 November ID=13494

Cumbria Section

Wine Merchants Delight

The Chase Hotel

Contact Alex Jenkins

T 01946 774597

E CumbriaSecretary@rsc.org

27 November ID=14054

Liverpool Section

Isle of Man Lunch and Speaker

Nunnery Business School

Contact Roger Arnott

T 01624 832391

3 December ID=13493

Cumbria Section

Artists and Pigments: The Rum Story

● Dr A R Butler, St Andrews

Contact Alex Jenkins

T 01946 774597

E CumbriaSecretary@rsc.org

IRELAND

8 November at 4pm ID=13468

Republic of Ireland Section

The Control of Stereoselectivity in Olefin Metathesis By Ligand Design

Trinity College, Dublin

● Prof RH Grubbs, Caltech

Contact Dr Stephen Connon

E connon@tcd.ie

8 November ID=13512

Republic of Ireland Section

Chemistry in Action

University College Cork

Contact Dr Humphrey Moynihan

E H.Moynihan@ucc.ie

9 November ID=13511

Republic of Ireland Section

Chemistry in Action

Waterford Institute of Technology

Contact Dr Sheila Donegan

E sdonegan@wit.ie

9 November at 12noon ID=13473

Republic of Ireland Section

Drugs in Sport

Dublin Institute of Technology

● Prof D Mottram, Liverpool John

Moore's University

Contact Dr Patricia Ennis

E patricia.ennis@dit.ie

10 November at 12noon ID=13472

Republic of Ireland Section

Chemistry Against Crime

Dublin Institute of Technology

● Dr J Fox, DIT Kevin Street

Contact Dr Patricia Ennis

E patricia.ennis@dit.ie

10 November at 4pm ID=13599

Northern Ireland Section

Andrews Club Lecture: Modular Ligands: Design, Synthesis and Catalysis

Queens University Belfast

● Dr J Xiao, University of Liverpool

Contact Dr M Migaud

T 02890 274339

E m.migaud@qub.ac.uk

11 November at 7.30pm ID=13474

Republic of Ireland Section

Science Quiz

Dohenny's, Baggott Street, Dublin

Contact Dr David Birkett

E david.birkett@henkel.com

25 November at 7.15pm ID=13514

Republic of Ireland Section

A Career in the Chemical Sciences

Trinity College Dublin

● Dr C Cordery, Unilever

Contact Dr Thorri Gunnlaugsson

E gunnlaut@tcd.ie

2 December at 7.30pm ID=13600

Northern Ireland Section

Smell, a volatile chemistry

Contact Dr M Migaud

T 02890 274339

E m.migaud@qub.ac.uk

2 December at 8.30pm ID=13607

Northern Ireland Section

Social Evening

University of Ulster

Contact Dr M Migaud

T 02890 274339

E m.migaud@qub.ac.uk

AWARDS

Industrially-sponsored Awards

THIS IS THE FOURTH year of the latest ten-year cycle of the RSC's industrially-sponsored awards. Through these awards, the RSC bestows the highest accolade on members of the chemical science community.

For this latest cycle, the scheme has been extended with the number of awards on offer increased by 30 per cent on previous years. Many cutting edge areas of chemistry are now recognised, including advances in biomembrane chemistry, chemical biology, green chemistry, nanotechnology, fuel cell science, nucleic acids chemistry and sensors.

The RSC is indebted to the continuing, generous support of existing industrial sponsors and to the many new sponsors.

There are 48 awards in the new cycle. Half of these were offered for 2001 and the other half the following year. Most awards will now be offered every three years, although some will be awarded biennially.

The awards are made to those of British nationality, including Commonwealth citizens, or those normally resident in the British Isles, and are not limited to members of the RSC. Each award consists of a silver medal and a prize of £500.


For all the awards, equal consideration will be given to those candidates who have made fundamental contributions to their subject as well as to those whose work has been directed to its application. Account will also be taken of significant contributions in applied science not reflected in publications.

The subject areas are interpreted in the broadest manner to ensure that no worthy candidate is excluded.

The 17 awards for 2004 are listed below.

- **Chemistry of the noble metals:** including advances in electroplating and refining technology.
- **Corrosion science:** awarded for studies leading to new concepts in corrosion science and technology.
- **Fuel cell science and technology – the Francis Bacon medal:** awarded for the development of novel chemical science and technology leading to practical fuel cell design and operation.
- **Heterocyclic chemistry:** covering the synthesis, structure determination and reactions of all types of heterocyclic compounds.
- **Heterogeneous catalysis:** awarded for the development of novel heterogeneous catalysts or processes dependent upon them.
- **High throughput drug discovery methodologies:** awarded for ground-breaking innovations that have enabled a significant acceleration of the drug discovery process.
- **Magnetic resonance spectroscopy:** awarded for studies leading to improved methods in magnetic resonance spectroscopy.
- **Mass spectrometry:** awarded for studies leading to improved techniques for the identification and analysis by mass spectrometry.
- **Organic reaction mechanisms:** covering the studies of the mechanisms of organic reactions.
- **Organometallic chemistry:** including any aspect of the chemistry of the main group and transition element organic compounds.
- **Peptides and proteins:** covering advances in the chemical synthesis of peptides, new understanding of protein structure and function, or for new insights into protein-protein interactions and protein folding mechanisms.
- **Reactions kinetics and mechanisms:** relating to the principles governing reaction rates and mechanisms.
- **Sensors:** awarded for chemical input into the design of novel sensors or novel applications of existing sensors.
- **Solid state chemistry:** covering the area of the chemistry, physics and materials science of solids with particular reference to their reactivity.
- **Structural chemistry:** covering studies involving novelty of approach or leading to fundamental theoretical advances in the development of general structural principles.
- **Surface and colloid chemistry:** embracing interfacial studies in general.
- **Tertiary education:** for teachers in higher and advanced further education.

Please note that the closing date for nominations for the above awards is 31 January 2005.

 Further details and application or nomination forms may be obtained from Stanley Langer on 020 7440 3325; email: langers@rsc.org or Fiona Brownlie on 020 7440 3314; email: brownlief@rsc.org or visit www.rsc.org/lap/awards/industry.htm

The remaining 31 awards in the series are shown below and will be offered on a bi- or triennial basis over the remainder of the cycle. More information about these awards will appear in future issues of *RSC News*.

Analytical Separation Methods, Bioanalytical Chemistry, Biomembrane Chemistry, Carbohydrate Chemistry, Chemical Analysis and Instrumentation, Chemical Biology, Chemical Dynamics, Chemistry of Transition Metals, Computational Chemistry, Electrochemistry - The Geoffrey Barker Medal, Environmentally Friendly Polymers, Enzyme Chemistry - The Charmian Medal, Flavours and Fragrances, Food Chemistry, Geochemistry, Green Chemistry, Homogeneous Catalysis, Inorganic Biochemistry, Main Group Element Chemistry, Materials Chemistry, Medicinal Chemistry, Nanotechnology, Natural Products Chemistry, Nucleic Acids Chemistry, Optical Spectroscopy, Photochemistry, Process Technology, Statistical Mechanics and Simulation, Stereochemistry, Supramolecular Chemistry, and Synthetic Organic Chemistry.

MAXIMISING ME

Working in Parliament

Jenny Steere AMRSC, holder of the RSC's first Westminster Fellowship, explains how parliamentary experience can be rewarding and valuable

TOWARDS THE END of my postgraduate studies, I noticed an advert for the Westminster Fellowship Scheme. It offered an opportunity to use my scientific knowledge in a broader capacity, and gain some extremely valuable work experience.

I decided to apply, which involved writing a short piece on an issue I felt was relevant to science policy. To my surprise, I was asked to attend an interview at the Parliamentary Office of Science and Technology (POST) with Dr Stephen Benn, the RSC's Parliamentary

was a little daunted when I was told that the fellowship would involve writing one in three months. Nevertheless, I was thrilled to receive a call the day after the interview offering me the position.

I arrived in London in late May and – security pass in hand – was given a tour of the Palace of Westminster. Back at POST, I met several other fellows and interns, who were writing their own POSTnote briefings.

My POSTnote was to be on the new EU chemicals policy, known as REACH (the

Chemical Industries Association and the RSC, as well as government departments. All the organisations recognised the value of my work, and were keen for their viewpoints to be represented.

I took advantage of my time at POST to explore Parliament, and attended debates in the House of Commons and the Lords, as well as a Select Committee meeting about REACH. My time in Westminster also coincided with the RSC's Parliamentary Links Day, where I received an award from Lord Sainsbury and the then RSC President, Sir Harry Kroto. It was quite a surprise and an honour!

POSTnote Number 229, entitled EU Chemicals Policy, was published in September and I felt a genuine sense of achievement when I first saw a printed copy. My success was confirmed when the POSTnote was mentioned during a debate by MPs on REACH – it was described as explaining a complex issue very well for someone without a science background, which is exactly what I set out to do.

I have greatly enjoyed being the RSC's first Westminster Fellow. It has been a valuable experience for me, and shown

me that science policy is an area that I'd be very interested to work in – an avenue that I'm pursuing at the moment. I'd advise anyone to go for it.



Jenny Steere receives the Westminster Fellowship award from Lord Sainsbury, Stephen Benn, David Giachardi and Harry Kroto

Affairs Officer, who originated the scheme, and Dr David Cope, Director of POST.

Though POST has only been a permanent part of Parliament for the last decade, it has established an excellent reputation. It produces briefings – called "POSTnotes" – on a variety of science-related issues, which are valued by MPs, peers and parliamentary committees. I'd read a few and found them interesting, but I

Registration, Evaluation and Authorisation of Chemicals). This is an important piece of legislation, and my research was timely as the issue was to be discussed in Westminster in the autumn, and is also under discussion in the European Parliament.

After some background reading, I contacted a variety of groups, including the WWF, the

Westminster Fellowship Scheme seeks candidates

RSC MEMBERS ARE being invited to apply for next year's three-month, RSC-funded placement with the Parliamentary Office of Science & Technology (POST).

Like Jenny Steere this year, next year's successful candidate will assist POST to

provide timely and objective briefing material for MPs and peers.

It is described as an opportunity to engage on work that is intended to aid scientific research in public policy areas, as well as raising public awareness.

i For further information, go to www.rsc.org/westminsterfellowship, or contact Julie Smart at Burlington House (address on page 16), email smartj@rsc.org, tel +44 (0)20 7440 3381

MEMBERSHIP

Get the most out of your RSC membership in 2005

THIS MONTH YOU will be receiving your subscription renewal invoice for 2005. You will also be receiving your *Essential Guide 2005* which is a useful starting point for getting the most out of your membership. This handbook contains information on the wide range of services and activities available to you, as well as listing contact details for RSC staff, services and activities.

Your RSC membership provides you with access to information, both technical and professional, a range of discounts and extensive support. For more information, go to www.rsc.org/members.

The networking opportunities available mean that every member can make a difference. Find out about getting involved in our scientific Divisions, Forums and specialist Interest Groups or see what's going on in your Local Section. You can also find out the latest news on the Campaign for Chemical Sciences plus information on other networks. To find out more go to www.rsc.org/getinvolved.

 **If you have any questions about membership, contact Membership Recruitment on 01223 432296 or email memprom@rsc.org**

New LIC service for members

THE LIC HAS enhanced the RSC's Information Services by launching Research Services in collaboration with the global research company Evalueserve to complement the Chemical Enquiries Helpdesk.


This new premium service will focus on business information searches, in-depth market research and intellectual property.

The wide range of projects includes:

- business reports e.g. product launches
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There is a separate annual fee of £25, which is collected by the RSC with your annual subscription renewal.

 **For further information on Chartered Scientist, go to www.rsc.org/members/csci.htm or contact David Barr, tel +44(0)1223 432258, email barrd@rsc.org**

Students: We will be visiting YOUR university soon!

RECRUITMENT VISITS HAVE already been planned up until the end of December 2004. Find out when we will be at your university by going to www.rsc.org/members/visits. Come along on the day for a chat and find out what we can do for you, as well as getting some RSC freebies! If your university is not displayed, do not fear, we'll be there soon in the New Year.

 **If you would like to arrange a visit by Membership Recruitment, please contact Sarah Harrison on 01223 432197 or email memprom@rsc.org**

Calling all student chemical societies

IT'S THAT TIME of year again: the start of the new academic year and the time to bring together your committee members and plan some crazy events.

If your ChemSoc hasn't registered, it's easy to do so now. Just fill in the details online and find out from the online information how you can get involved. Your ChemSoc can benefit from the lecture grants, freebies and other help and support which the RSC can provide, just complete your request using the online forms.

If, however, your ChemSoc has already been busy with freshers' events and social madness, we want to hear from you. Send us any new

ideas you want to share with other like-minded chemical societies, or photos of your most recent events. A profile on your ChemSoc will help you recruit more students. Send us an article and YOU could be seeing yourselves in *RSC News* soon.

 **To apply for freebies, funds or to register your committee go to www.rsc.org/studentzone and click on networks. If you have any questions you can call Sarah Harrison, Membership Recruitment Executive on 01223 432197 or email memprom@rsc.org**

MEMBER NEWS

Members go underground in Wales

ON 9 SEPTEMBER, members of the Mid-Wales Section held their summer outing to Big Pit, the National Mining Museum of Wales, at Blaenafon.

Recent Heritage Lottery funding for Big Pit enabled the installation of a new museum area depicting the history and social impact of mining, while new mining galleries house an audiovisual demonstration of mining techniques.

The site is almost entirely staffed by



Mid-Wales committee members and guests "kitted up" ready for their descent

ex-miners whose knowledge and reminiscences provide a very valuable contribution to the visitors' experience.

The highlight of the visit was an underground tour of the colliery.

i For further information about the Mid-Wales Local Section, go to www.rsc.org/lap/rsccom/locsecs/localsec77.htm or contact the secretary, Dr Andrew Walker at arw@aber.ac.uk

Personal News

Professor Amyard David Buckingham

CChem FRSC has been awarded an honorary degree from the University of Antwerp, Belgium.

Professor Pramesh N Kapoor CChem

FRSC is spending three months at Georgetown University, Washington DC as Visiting Research Professor.

Mr Iain Paul De Grey CSci CChem

MRSC has been appointed technical manager at Safeguard Chemicals Ltd, Horsham.

Deaths

Dr Francis Edward Ball OBE CChem MRSC

Retired. Died 6 August 2004, aged 99

Mr Eric Bell CChem FRSC

Retired, research chemist, White Cross Rubber Products. Died 29 May 2004, aged 74

Prof Hermann Block CChem FRSC

Emeritus Professor, Cranfield University. Died 1 September 2004, aged 73

Dr Brian Brocklehurst MRSC

Honorary reader in chemistry, University of Sheffield. Died 19 April 2004, aged 72

Mr Albert Jackson CChem FRSC

Retired, chief chemical engineer, Simon-Carves Ltd.

Died 2 September 2004, aged 95

Dr Alan Albert Leach MBE CChem FRSC

Retired, head of technical department, Brewers Society.

Died 29 August 2004, aged 76

Dr Eric Handley Voice CChem FRSC

Retired, group leader sodium chemistry, UKAEA, Dounreay.

Died 11 September 2004, aged 80

Admissions – October 2004

Chartered Chemist (CChem)

Anthony George Cook
Lynne Marie Cox
Glenda Margaret Crockett
Diana Dyce
Leonard Louis Kelleher
John Benedict James Kinney
Trevor James Long
Paul Stuart Mackay
Barbara Pamela Mason
Martin Edward Palmer
Paul Anthony Samson
Claire Uttley

Fellow (FRSC)

Sabbir Ahmed
Rishi Dev Anand
Adisa Azapagic
Heinz Berke
Fabio Biscarini
Hans-Ulrich Blaser

Wilhelm B Boland
Matthias Bremer
Thomas Carell
Eugenio Coronado
Luisa De Cola
Andrew De Mello
Amilra Prasanna De Silva
M Bonner Denton
Gautam R Desiraju
Matthias Driess
Bryan Edwards
Colin Frayne
Gianfranco Gilardi
Nina Hall
Colin Robert Harrison
Donald Hilvert
Jurg Hulliger
Karl Anker Jorgensen
Shu Kobayashi
Johannes Bernardus Laurens
Irvin Levy
Wolfgang Lubitz

Jean-Pierre Majoral
Alan David Blair Malcolm
Paul Monks
Ian Martin Newington
Roeland Nolte
Adriana Oller
Christopher Osagie Oriakhi
Philip P Power
Gareth James Price
Luca Prodi
Carol Vivien Robinson
Janet Scott
Roberta Sessoli
Theodore Simos
James Simpson
Paul Smith
Kin Yip Tam
William Tolman
Elisabeth M J Verpoorte
James Vincent
Terence Edwin Warner
Bert Weckhuysen
John Liang Zhou

Member (MRSC)

Carolyn Heather Ackers
Walter Affo
Nazli Al-Haq
David Lindsay Allardyce
Nigist Asfaw
Jonathan Nicholas Ashton
Muhammad Awais
Perdita Barran
Rebecca Beckett
Richard Brookes
Neil Brooks
Robert William Burrows
Richard Stephen Cawthorne
Benoît Champagne
Simon Christopher
Michele Chukwuemeka
David George Collopy
Stephen John Costello
Lynne Marie Cox
Andrew Martin Craddock
Ruth Samantha Croxton

Volker Deckert
Gurudatt Dhadeshwar
Paul David Dickson
Joanne Helen Downing
Catherine Jane Duckett
Simon Oliver Dunne
Alison Anne Edwards
Claude Farrugia
Emer M Flannery
Craig Fleming
Matthew James Edwin Fletcher
Shirley Anne Gallagher
Esme Elizabeth Gibb
Rona Margaret Gottesmann
Ian Gould
Christine Grew
Denis Gryzlov
Christopher Charles Hampton
Paul William Hancock
James Andrew Harrop
Anne Hatton

Michelle Joanne Hawkins
Daniel Hawksley
Andreas Herrmann
Sally Jane Hodgkiss
Andrea Hornby
Robert Michael Hughes
Stephen Leslie Johnson
Michelle Ann Jones
Martine Keenan
Leonard Louis Kelleher
Niall Kelly
Emma Ruth Kemp
Andrew James Kennedy
John Benedict James
Kinney
Chuen Pak Kwan
Simon Geoffrey Lister
Lei Liu
Trevor James Long
Kenneth Gordon Neils
Macgregor
Paul Stuart Mackay
Calum Scott Adam
Macpherson
Graeme Marshall
David Robert Marvell
Andrew David McDowall
Nicolas Philippe Jean Millot
Siobhan Minor
William Wilson Monaghan
Geoffrey Peter Moore
James Alan Morris
Arnold Mtopo
Sahira Begum Nadeem
Brenden John O'Connor
Niamh O'Connor
Caroline Teniola
Olugbemiga
Nick Payne
David James Pearson
Rebecca Sarah Pepler
Spiros A Pergantis
Marina Jane Pooley
Xavier Poteau
Simon Richard Procter
Rexona Rahman
Andrew Wilton Rogers
Stuart Paul Romeril
Neil Ronan
Oliver Rooney
Stephen Roseblade
Mohammed Amer Salim
Paul Anthony Samson
Josef William Smith
Mark Richard Smith
Timothy James Snape
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Sean Jozef Tapodi
Carin Elizabeth Tattershall
Stuart Hamilton Taylor
Stephen Thompson
Graham John Urquhart
Claire Uttley
Charles Walker
Carl Waterson
Christopher Andrew
Watson
Trystan Watson
Darren Westerman
Paul Michael Wood
Chi Wing Yu
Mohammed Zouroob

Associate Member (AMRSC)

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Adebowale Oluwaseun
Adediran
Christian Agatemor
Tauheed Ahmed
Efsthios Alexakis
Huda Alkateb
Pierre-Alain Aourou
Helen Ruth Baker
Helen Barley
Katie Bates
Joseph Bevitt
Lisa Blackwell
Fiona Blakley
Jose Maria Blasco Mata
Lisa Boardman
Andrew Craig Boore
Bryony Booth
Jan-Willem Bos
Marianne Botros
Victoria Browne
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Lindsey Dawn Carthy
Julian Cass
Adrian Chapman
Renato Andres Chiarella
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Dane Comerford
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Jill Adele Copland
Elenna Rowan Davies
Hazel Davies
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Christopher Donnelly
Allyson Ruth Doyle
Karl Andrew Ebejer
Mark Tristan Eccles

Alexandra Ehkirch
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Thomas Foerster
Stephen Wayne Follows
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Christopher James Frestle
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Hilary Jane Hamnett
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Stephen Havad
Gillian Henderson
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Paul Huang
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Adebola Kamal Ikuyajesin
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Lewis Jacobs
Abdul Bahsar Md Mamun
Jamal
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Jonathan Kelly
Andrew Alexander Kennedy
Marion King
Kerry Knox
David Edward Lee
Yang Li
Alison Mary Liddy
Samantha Jane Little
Yuan Liu

Christopher T Lloyd
Edric Joel Loveridge
Sarah Ellen Lowdell
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Callum Robert MacPherson
Calver A Main
Elaine McGavin
Michael P McGravey
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Alexander James Painter
Nicole Pamme
Baheerathy Paramsothy
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Kiran Parmar
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Katie Louise Patterson
Rachel Louise Pattison
Paul Pearson
Donna Petch
Jonathan Andrew Pitkin
Rajamohan R Poondra
Andrew Michael Poulton
Fabienne Pradaux
Jonathan Russell Prince
Gail Alexandra Raeburn
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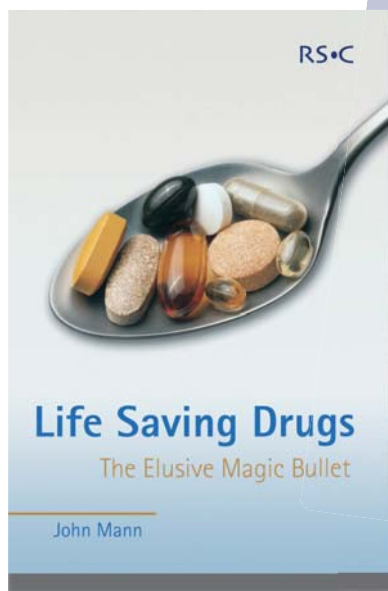
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Just desserts and super drugs

Two new books by the RSC present backgrounds and development processes involved in two very different inventions that have enhanced our quality of life.

THE SCIENCE OF Ice Cream, a new paperback from the RSC takes the reader on a journey through the history of this icy invention, exploring the physical chemistry underlying its manufacture and the nature of its unique properties.



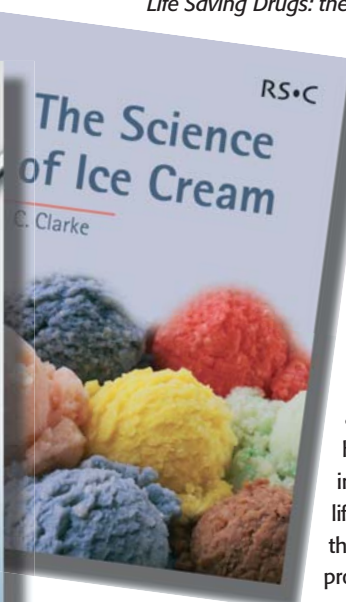
This book is a must read for food scientists (including undergraduate students), people working in the ice-cream industry, or even for science and technology teachers looking for

some inspiring experiments related to ice-cream to liven up lessons.

Who would have thought chemistry could be this delicious?

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