

## NEWSLETTER SPRING 2010

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Chemical Information and Computer Applications Group Website:  
<http://www.rsc.org/CICAG>

**LinkedIn**  <http://www.linkedin.com/groups?gid=1989945>

## Committee Members

A full list of the current RSC CICAG Committee officers and members, with their affiliations and contact details, can be found on the group website.

We are always on the look out for new members to join the committee, so if you would like to volunteer, or just find out more about what is involved, please contact the Chairman (Dr Keith White; email: keith.white@matthey.com) or come along to the next AGM (details on next page).

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## Newsletter Editor

The RSC CICAG Committee would like to thank Dot Parker for her role in the production of the CICAG Newsletter. Dot was initially responsible for the compilation, printing and posting of the hard copies of the CICAG Newsletter. She also oversaw the successful transition to the electronic format.

I want to express my own appreciation, and that of the CICAG Committee, for the sterling work Dot has done over many years, especially in dealing with the "stuffing of envelopes and posting of hard copies". Also thanks to her husband, Geoff, for his assistance in many of these tasks.

Dot's role has now been taken up by CICAG committee member Lindsay Battle. Please send future items for the CICAG Newsletter to Lindsay ([lindsay.battle@chem.ox.ac.uk](mailto:lindsay.battle@chem.ox.ac.uk)).

Dr Keith White, Chairman, RSC CICAG

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## RSC CICAG Meeting Spring 2010

### Chemical Information for the Chemist and Non-Chemist

Wednesday 19th May 2010 at RSC, Burlington House, London

Organized jointly by the RSC CICAG/CSA Trust.

A one day 'training' course for librarians, information scientists, researchers and anyone with an interest in chemistry consisting of a series of presentations providing an impartial and critical overview of Chemical Information products, given by specialists from academia, vendors and industry. Presentations will include:

- "What Makes Chemical Information Different?"  
David Walsh, Information Scientist, Pfizer
- "Connecting Chemists to the Internet through ChemSpider"  
Jan Davies, ChemSpider Community Specialist, RSC
- "An Introduction to SciFinder, the Chemical Search Tool for Scientists"  
Yvonne Pope, Regional Marketing Manager, CAS
- "Chemical Structure Drawing Packages"  
Don Parkin, Chemical Database Manager, Chemical Database Service, Daresbury
- "Overview of Structural Databases on STN"  
Dr Anne Jones, Applications Specialist, CAS
- "The RSC Virtual Library"  
Nazma Masud, Chemical Information Specialist, RSC

- "Choosing Information Resources: An Academic User's Viewpoint"  
Dr Jonathan Goodman, Department of Chemistry, University of Cambridge

The course will start with registration at 10 am, and will be followed by the CICAG AGM. A booking form is appended to the end of this newsletter. Further details will be posted on the CICAG website when the full programme has been confirmed.

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## **RSC CICAG AGM May 2010**

The CICAG AGM will be held immediately after the above meeting, on Wednesday 19th May 2010 at RSC, Burlington House, London, beginning at 4.30pm. The agenda for the AGM is appended to the end of this newsletter.

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## **RSC CICAG Meeting Autumn 2010**

We are planning a very special one-day meeting for this autumn, on '**Celebrating the History of Chemical Information**'. This meeting is being organised jointly with the RSC Historical Group and the CSA Trust. A superb panel of speakers is being assembled and the meeting will provide a unique opportunity to hear from some of those who have contributed to the very significant developments which have occurred in the last few decades. So put the date in your diaries now: Monday, 29th November 2010, at Burlington House, starting at 10am. An exhibition will be held alongside the meeting. Further details will be available shortly from Dr Keith White at: [keith.white@matthey.com](mailto:keith.white@matthey.com)

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## **Report of RSC CICAG Meeting: Should I Really Be Searching Patents?**

*Contributed by Diana Leitch, Information Consultant*

A very successful and vibrant one-day meeting, organised by the Royal Society of Chemistry (RSC) Chemical Information and Computer Applications Group (CICAG) Special Interest Group, took place on Wednesday 28th October 2009 at Burlington House in London, headquarters of the RSC. The meeting was intended as an overview for librarians, information scientists, researchers and anyone with an interest in understanding the patent literature relevant to chemistry and it met its aims and objectives from the feedback received after the meeting.

It was attended by 46 people including 10 speakers who were drawn from a wide variety of scientific, industrial, commercial and legal organisations and who gave excellent presentations. A few colleagues from universities were among the delegates. It is hoped that more university staff and librarians will be able to be involved in future meetings. The meeting was chaired by Dr Diana Leitch, Information Consultant, and most members of the CICAG Committee were present to attend the meeting and to talk to delegates. Dr Keith White, Chair of CICAG, Senior Information Scientist at Johnson Matthey, had been the leading person recruiting the speakers and organising the day. The presence of Professor Graham Richards, CBE, who is Chair of the RSC Publishing Board and a member of RSC Council, both as a speaker and attendee for the whole day, was an added bonus.

An excellent summary of the talks has been prepared by Ann Chapman of Minesoft and has already appeared in the PATMG Searcher Newsletter. We are very grateful to Ann for allowing us to use her summary in this latest CICAG Newsletter. It is reproduced below.

The usual superb substantial buffet lunch was provided by the catering staff at Burlington House. We are also grateful to the management staff at Burlington House

who, despite a flood having occurred during the night in the room we were supposed to use for the meeting, relocated us, at very short notice, to another room very successfully and our meeting continued without interruption.

The speakers' own abstracts and presentations can be downloaded from the CICAG website: <http://www.rsc.org/CICAG>

which also has details of other previous CICAG meetings and forthcoming events.

### **Should I Really Be Searching Patents? - Summary of Presentations**

*Contributed by Ann Chapman, Minesoft Ltd/Secretary of PATMG - The Patent and Trademark Group - a Special Interest Group of CILIP*

This summary appeared in Searcher, Issue 123, (October 2009).

Speakers included **Stephen Adams** of Magister Ltd whose talk was entitled "Patent Myths and Misconceptions – Why Should I Bother?". Stephen talked about how patents can deliver very strong rights and advantages to small business as well as large ones. He then dispelled some of the myths and mystique about the system, from the point of view of both legal rights and information dissemination.

**Chris Archer** from the UK Intellectual Property Office gave an overview of how chemical patent applications are searched there. This included searching specialist patent databases as well as non-patent documentation to determine if a patent claim is new and inventive. A variety of tools, search languages and classification schemes are used to produce comprehensive search results.

**Yvonne Pope** from CAS demonstrated that with more than 70% of all new chemical entities in the CAS Registry file originating from patents and with CAS having recently registered its 50-millionth small molecule, there is much to gain and a lot to lose by not searching patents. The rise in non-English language patents (e.g. 19.8% published patents abstracted by CAS in 2008 were Chinese-language) adds a further dimension. Apart from China, what is the main language used by mainland European pharma companies for their patent applications? Not always English! Yvonne showed how value-added abstracts and indexing of specific compounds in the CAS databases can assist in understanding patents written in any language.

**Stefan Roller** from the Software Development at Elsevier Information Systems GmbH talked about using Reaxys for searching chemistry in patents. In the past (1980 and earlier), patents only played a secondary role for the chemistry information. This has changed dramatically and patents today are the major source for information about new substances and chemical reactions. Reaxys is Elsevier's leading platform for providing insights into organic, organo-metallic and inorganic structures and their reactions and properties indexed from both journal and patent sources. The talk presented Reaxys features for Markush structure patents, detailed reaction descriptions and multistep reactions.

**Steve Hajkowski**, Product Manager CPI & Online at Thomson Reuters gave an overview of chemistry content in DWPI, presenting an analysis of the chemical information available within patents, a breakdown of novelty type and global trends.

**Dr John Barnard**, Scientific Director of Digital Chemistry Ltd, covered Markush structure searching. Systems for handling the Markush structures found in patents were an active area for research and development in the 1980s. However, the commercial systems that became operational at the end of that period have changed little since, and are now showing their age. The deficiencies of these systems for handling modern chemical patents make life difficult for searchers. Several groups are currently working

on new approaches to handling the structural information in chemical patents, and these were reviewed.

**Stuart Newbold**, Information Manager at Astex Therapeutics continued the Markush theme, looking at creating the ideal answer set and beyond. Is chemical patent searching just for large organisations? Stuart illustrated the types of Markush searches undertaken in a small Biotech organisation, and why. Limitations of current systems and suggestions for improvement were also considered.

**Neil Edwards** from Johnson Matthey's Forecasting and Information Department talked about "Patent Analysis and Mapping", noting that without an understanding of the patent cycle, the richness of the information and its potential gaps, patent analyses can be misleading. Simple patent counting is rarely sufficient to understand trends and to interpret those results. Some of the pitfalls and potential uses of patent data were highlighted and a brief introduction to patent maps using commercial software was given.

**Michelle Pratt**, Chartered and European Patent Attorney from the Chemical & Materials Group at Boulton Wade Tennant (Patent Attorneys to the Science and Technology Facilities Council (STFC), Daresbury Laboratory), discussed "Freedom-to-Operate" searching, noting that a patent right is a negative right: it can be used by the owner to stop others from using, making or selling a patented product/process. A patent does not give the owner the right to commercialise the product/process. Freedom-to-Operate searching is used to identify third party patent rights in order to assess the risk of patent infringement.

Finally, **Professor Graham Richards**, CBE, Department of Chemistry, University of Oxford, talked about commercialising chemistry. The Oxford Chemistry Department has been very successful in commercializing intellectual property developed in its laboratories, earning more than £80 million for the University. Professor Richards highlighted how this has been achieved, noting the importance of clarity in the ownership of IP as well as revenue sharing for spin-out companies and in licensing.

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## **Joint RSC CICAG/Law Group meeting 2010**

### **Competition Law and E-Publishing in Scientific Fields**

Third Quarter, 2010, Burlington House, London

The goal of the conference will be to provide a forum for identifying negotiation strategies and tools that academic research librarians/industrial librarians/information staff can employ when negotiating license agreements with e-publishers having significant market power. To this end, the conference will explore economic developments in e-publishing and the legal ramifications of such developments.

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## **Other Forthcoming Meetings/Conferences**

### **CambridgeSoft Conference & User Meeting**

London, 9th-10th March 2010

<http://www.cambridgesoft.com/events/details/?Event=264>

### **The Rise and Fall of ICI, RSC Historical Group**

Burlington House, London, 19th March 2010

<http://www.rsc.org/ConferencesAndEvents/conference/alldetails.cfm?evid=105173>

## Fifth Joint Sheffield Conference on Chemoinformatics

University of Sheffield, 13th-15th July 2010

<http://cisrg.shef.ac.uk/shef2010>

Organised on behalf of The Chemical Structure Association Trust and the Molecular Graphics and Modelling Society.

## Computers in Scientific Discovery 5 (CSD 5)

Sheffield, 20th-23rd July 2010

<http://caagt.ugent.be/csd5>

Workshop bringing together researchers active at the interfaces between discrete mathematics, chemistry and computer science. Themes include applications and algorithms in: Chemistry, Bioinformatics, Conjecture-making and Mathematical Education.

## 2nd International Lhasa Symposium on New Horizons in Toxicity Prediction

Royal Armouries Museum Leeds, 15th-16th September 2010

<http://www.lhasasyposium.com>

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## ChemSpider

*Contributed by Jan Davies, ChemSpider Community Specialist, RSC*



<http://www.chemspider.com>

**ChemSpider** is a free access service providing a structure centric community for chemists. Providing access to millions of chemical structures and integration to a multitude of other online services, ChemSpider is the richest single source of structure-based chemistry information.

ChemSpider can be searched by chemical name, structure or other chemical identifiers such as SMILES or InChIKeys.

In addition to searching ChemSpider, users can curate records in the database and deposit their own structures and associated information to the database.

Following the closure of the STN Agency at the RSC at the end of 2009, Jan Davies has moved to customer support activities with the ChemSpider team. Jan will provide support and training for the user community. Jan has a strong background in chemical structure searching gained in her previous role of supporting users of the CAS Files on STN.

ChemSpider will be enhanced with new functionality in Spring 2010 and to coincide with this there will be a demonstration of ChemSpider features taking place at the Chemistry Centre in Burlington House in London on 4 March 2010 where we are offering a choice of an Introductory (morning, 10:30-12:30) or Advanced (afternoon, 2:00-4:00) sessions. Attendance is free of charge but we do require you to register. Please e-mail [support@chemspider.com](mailto:support@chemspider.com) with your contact details and preferred session.

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## Chemical Database Service News

*Contributed by Don Parkin, CDS*

### Mid-Range Facilities Review

CDS were involved in a mid-range facilities review which took place in July 2009. The review panel recognised the importance of such a facility and thought it to be a priority for EPSRC support. "The EPSRC cannot guarantee future funding at this stage, but the Physical Sciences and Research Infrastructure programmes will be actively reviewing the best way to fund such a facility once the current funding for the database ends in March 2011".

### Accelrys Databases

Three Accelrys databases, Protecting Groups, Solid Phase Synthesis and BioCatalysis, which were to be "sunsetting" (i.e. not updated or supported) will now be available from CDS in the new year. CDS will, in the first instance, make them accessible via Accord software, using the Accelrys Database Explorer client software for PCs.

### Isentris Databases

CDS, in conjunction with JISC, are looking to re-establish the databases that were offered in the past using ISIS software, but will now be based on Isentris software. An evaluation is planned to take place early in the year where all databases from Symyx (Bioactivity, Sourcing Databases and Synthesis Databases) will be made available over this trial period. Access will be via an Isentris client and possibly via DiscoveryGate.

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## STN Agency in the UK

*Contributed by Jan Davies, ChemSpider Community Specialist, RSC*

Some of you may have already heard that there has been a reorganization of STN support here in the UK.

After providing an excellent level of support for STN customers in the UK and Ireland over the last 25 years, the Helpdesk at the RSC closed on 24 December 2009.

The team is very sorry to have to go and want to take this opportunity to offer all our customers very best wishes for the future. Here we are - a last chance for us to pose as a team for the cameras!

But all is not lost! There will be continued support for UK customers from our colleagues at FIZ Karlsruhe. As of January 1, 2010, the provision of STN training and support changed in two geographic regions. The European STN Service Center at FIZ Karlsruhe serves as the contact for STN Help Desk service and training for customers in German-speaking countries and for the United Kingdom/Ireland.



**Members of the recently-closed UK STN Helpdesk.**  
Left to right: Jan Davies, Diane Smith, Ann Ennis, Louise Catterick



**Members of the European STN Service Center at FIZ Karlsruhe.**  
Left to right at the front: Renate Hedderich, Linde Grossmann, Annette Roth, Annette Capurro, Carmen Völker  
Left to right at the back: Britta Scheithauer, Jeremias Gromotka, Susanne Geprägs, Bettina Grittmann

They can be contacted by Phone: +49 7247 808 555 or  
Email: [helpdesk@fiz-karlsruhe.de](mailto:helpdesk@fiz-karlsruhe.de)

## CAS News

*Contributed by Yvonne Pope, Regional Marketing Manager, CAS*

### **CAS patent authority coverage expanded**

CAS is enhancing its extensive patent coverage by adding patent and patent family information from the Intellectual Property Office of the Philippines, increasing the number of patent authorities covered to 60.

The CAS databases are a rich source of unique, difficult-to-locate Asian patent content provided by patent authorities in Hong Kong, Japan, the People's Republic of China, the Republic of Korea, Singapore, and Taiwan. The addition of information from the Philippines Patent Office further enriches CAS' Asian patent coverage.

### **China Leads All Nations in Publication of Chemical Patents According to CAS**

Chemical Abstracts Service (CAS), reports that China's patent office is now the world's leading producer of patent invention applications in chemistry. China trailed Japan's patent office, the World Intellectual Property Organization (WIPO), and the United States Patent and Trademark Office (USPTO) for more than a decade, but passed the USPTO in 2005, WIPO in 2006, and exceeded Japan for the first time on a monthly basis in 2008. In 2009, China will record an entire year as the number one producer of chemical patents, and CAS projects that trend to continue.

"Chemistry is widely recognized as 'the central science,'" according to Dr. Matthew Toussant, senior vice president of editorial operations at CAS. "Chemical patents are a critical component to many industrial processes and scientific realms, including medicine and natural products," said Toussant. "In fact, on average, 35% of new patent invention applications involve chemical substances."

"CAS has been recording the phenomenal growth of patent documents in the last decade, with the number of chemistry-related patent publications by the USPTO and WIPO growing by more than 500 percent," said Christine McCue, vice president of marketing at CAS. "Meanwhile, Chinese invention applications increased by nearly 1,400 percent, with much of that growth taking place in the pharmaceutical sector. More than half of the Chinese patent applications during this period were from inventors within China, which surely indicates that Chinese scientists now also recognize the importance of monetizing research discoveries."

For further information on any news item from CAS please contact Yvonne Pope at [ypope@cas.org](mailto:ypope@cas.org) or Tel: +44 (0) 1538 304320

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## STN News

*Contributed by Yvonne Pope, Regional Marketing Manager, CAS*

### **Reload of IFIPAT, IFICDB, and IFIUDB**

**IFI Patent Database (IFIPAT), IFI Comprehensive Database (IFICDB), and IFI Uniterm Database (IFIUDB)** have been reloaded on STN. These databases cover abstracts and claims of U.S. patents from 1950 to the present and are produced by IFI Patent Intelligence.

Data enhancements in the reload include:

- Indexing for more than 70,000 additional published applications
- Enhanced indexing with new terms for various green technology areas such as biofuels and biodegradable polymers
- Back file posting for new indexing terms
- Back file postings for many FDA Orange Book listed patents

## STN Database Guide

A new interactive, web-based STN Database Guide is now available to help new and infrequent STN searchers learn the rich resources STN has to offer.

Click <http://stnguide.cas.org> and explore six tabs of information to find more about databases on STN.

The screenshot shows the STN Database Guide interface. At the top, there is a blue header with the STN logo and the text 'Database Guide'. Below the header, there are navigation tabs: 'View Full List', 'View by Subject', 'View by Feature', 'View by Cluster', 'View by Product', and 'Search Summary Sheets'. The 'View by Subject' tab is selected. Below the tabs, there is a section titled 'What databases cover these subjects?'. This section contains a list of subjects with checkboxes next to them. The subjects listed are: Agriculture & Food Sciences, Bioscience & Medicine, Biosequences, Business (Scientific & Technical), Chemistry, Social Sciences, Electronics & Telecommunications, Energy Research & Technology, Engineering & Construction, Environment Research & Technology, Geosciences, Health & Safety, Material Sciences, Mathematics & Computer Science, Multidisciplinary Science & Technology, and Physics.

The screenshot shows the STN Database Guide interface. At the top, there is a blue header with the STN logo and the text 'Database Guide'. Below the header, there are navigation tabs: 'View Full List', 'View by Subject', 'View by Feature', 'View by Cluster', 'View by Product', and 'Search Summary Sheets'. The 'View by Feature' tab is selected. Below the tabs, there is a section titled 'What databases have these features?'. This section contains a list of features with checkboxes next to them. The features listed are: ABBREVIATIONS, ALERTS, CAS RN, FSORT, HIT HIGHLIGHTING, IMAGES, LEARNING DATABASES, LEFT/RIGHT TRUNCATION, PATENTS, PLURALS, PROPERTIES, SELECT CITATION, SPELLINGS, STRUCTURE SEARCH, and THESAURI.

## More ACS/CAS News

**CASSI:** <http://cassi.cas.org>.

The CAS Source Index (CASSI) search tool is a web-based resource intended to support researchers and librarians who need accurate bibliographic information. This new tool has been created as a free-of-charge resource that will enable researchers to confirm journal titles and journal title abbreviations in an easily accessible electronic format. CASSI on CD provides additional functionality and data such as holdings information, DDS availability, certain record details, and archival ability.

**JACS Beta:** <http://pubs.acs.org/JACSBeta>

Innovative approaches to the presentation of chemical and related research, e.g.: JACS Video Abstracts, JACS Cover Art Podcasts, Listen to JACS Communications.

**Colors of Chemistry calendar:** <http://cascolors.complexinc.com>

Each year in the Colors of Chemistry calendar, CAS attempts to answer intriguing scientific questions with information from the CAS databases. This year, we answered questions on topics ranging from environmentally friendly fireworks to glowing fuel rods in nuclear reactors; from promising anti-cancer agents in redwood trees to distinct forms of iron oxide on the surface of Mars. The 2010 Colors of Chemistry calendar is available in new digital formats: a high-resolution PDF and an interactive web calendar.

## Tony Kent Strix Award

### The 2009 Tony Kent Strix Award winner is Carol Ann Peters

The Tony Kent Strix Award, given by the UK eInformation Group of CILIP: the Chartered Institute of Library and Information Professionals, has been awarded to Carol Ann Peters of Istituto di Scienza e Tecnologia dell'Informazione "A. Faedo".

Carol was nominated for her work on the Cross Language Evaluation Forum (CLEF), the world's leading forum for evaluating cross language searching systems, which Carol initiated and has run for ten years. This annual evaluation exercise has attracted a multi-disciplinary network of researchers to collaborate on shared tasks, to contribute to the CLEF testing resources, and to meet annually to present and discuss results. In its opening year, CLEF counted 20 participants; thanks to Carol's hard work, CLEF has expanded year on year to become a major international event in information retrieval related research: in 2009 it attracted over 130 registrations from individual researchers and leading research groups from Europe, the Middle East, Asia and the Americas. The nomination noted that none of this would have happened had it not been for Carol Peter's initiation and continued drive to run and maintain CLEF. Carol's tireless work with CLEF has driven the information retrieval community to consider search in more than just the English language that previously dominated information retrieval research; thus she has made an enormous contribution to the awareness and understanding of information retrieval.

Carol Peter's contributions to information retrieval have been many and wide ranging, covering all of the areas for which the Tony Kent Strix Award is offered.

The Tony Kent Strix Award is presented each year in memory of Dr Tony Kent, a past Fellow of the Institute of Information Scientists, who died in 1997. Tony Kent made a major contribution to the development of information science both in the UK and internationally, particularly in the field of chemistry. The award is offered in recognition of individuals or groups for an outstanding contribution, practical innovation or achievement in the field of information retrieval. A call for nominations for the 2010 awards will be issued later in the year.

**Note:** In recognition of Dr Tony Kent's work in the field of chemical information, the CICAG makes a financial contribution to the Tony Kent Strix Award.

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## People News

**Dr Barry Dunne** (a previous RSC CICAG Committee member and Chairman) has been named Publisher Relations Manager for the American Chemical Society's Chemical Abstracts Service (CAS), building and strengthening relationships with leading STM publishers. He replaces Eileen Shanbrom, who has retired from full-time work at CAS after more than 40 years. Barry also has the role of STN Sales Operations Manager, developing sales strategies to support the growth of STN at major accounts. He had previously been a Regional Marketing Manager for CAS's European marketing organization.

### Retirement of long-term information professionals at Manchester

*Contributed by Diana Leitch, Information Consultant*

It was the end of an era in Manchester on Friday, 29th January 2010, when **Mrs Jenny Curtis**, who graduated in Chemistry from Oxford and went on to a long and notable career in information work at UMIST, and latterly the University of Manchester, retired. She has joined **Dr Alan Neville**, who was a chemistry graduate of the Victoria University of Manchester, long-term member of staff at the John Rylands Library, and a

leading light in the delivery of Beilstein Crossfire nationally and of CAS SciFinder Scholar, who retired last year. Those of a certain age will remember Alan's ground-breaking work in the 1980s on the networking of CD ROMs and the joint work of the team at The Victoria University of Manchester and UMIST on being the first to create a wide-area network of CD ROMs. Latterly Jenny has been leading digitisation work by the John Rylands University Library at the University of Manchester and was heavily involved in their support of Manchester's RAE submission.

A private lunch to celebrate their joint retirement was hosted by Dr Diana Leitch, their former colleague, who worked with them, David Whitehurst and Helen Cooke (née Schofield), on the development of chemical information services at Manchester and nationally over many years, on Wednesday 3rd February 2010. Sean Dunne represented MIMAS. He and Jo Lampard had worked very closely with Alan over the delivery of Beilstein Crossfire.

Happy retirement to both of them but I don't think they will be inactive. Most chemistry information professionals I know aren't!

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## Other News Items

**Reaxys:** A new Reaxys Agreement for UK HE was signed by JISC Collections and Elsevier Information Systems GmbH. See:

<http://www.jisc-collections.ac.uk/catalogue/reaxys>

The agreement will be for two years, running from 1st November 2009 to 31st October 2011 and Institutions can subscribe at any time. Institutions that subscribe to Reaxys will also be given access to CrossFire at Mimas until 31 December 2010 (when CrossFire will be withdrawn).

## Theilheimer's Synthetic Methods of Organic Chemistry

This book series is now available from Karger in a specialized electronic format beginning with volume 72. Published biannually, the Theilheimer series provides access to synthetic methods with updated information on new developments in synthetic organic chemistry. 500 informative abstracts per volume describe new reactions and synthetic methods reported in the world-wide scientific literature. Online readers can read the full text using page-turning flash technology, as well as search the fully indexed and cross-referenced Subject Index. The online usability, coupled with the wealth of synthetic organic chemistry knowledge contained in the Theilheimer series, makes it a truly valuable online reference for today's chemist.

For more information on the online volumes of the Theilheimer series as well as earlier print volumes, visit: <http://www.karger.com/THEIL> or contact via Email: [orders@karger.com](mailto:orders@karger.com)

## Peer Review Survey 2009: Preliminary findings

[http://www.eurekalert.org/pub\\_releases/2009-09/e-prs090509.php](http://www.eurekalert.org/pub_releases/2009-09/e-prs090509.php)

## CWM Global Search

Version 4.0 is available for download at: [www.cwmglobalsearch.com](http://www.cwmglobalsearch.com)

CWM Global Search allows searching the Internet by structure, synonym and CAS Registry Number using 35 free accessible chemistry and drug related information data sources. It is fully functional for 30 days and then, without a license (120Euros/year), the search is limited to AKos Samples, PubChem and Google.

## Cambridge Crystallographic Data Centre (CCDC): 500,000th Crystal Structure Milestone Reached

<http://www.ccdc.cam.ac.uk/500000.php>

### **Impact factors dominate citation metrics**

Information World Review, 10 Sep 2009

<http://www.iwr.co.uk/information-world-review/analysis/2249258/journals-cherish-status-symbol>

### **Multiple Screens Built for Textbooks as E-Books**

NYTimes.com, December 5, 2009

<http://www.nytimes.com/2009/12/06/business/06novel.html>

### **Newcomer Enters Patent Measuring**

A new company, [PatentSight](#), enters the growing business of assessing patents to measure the effectiveness of corporate R&D.

Chemical & Engineering News, October 19, 2009

<http://pubs.acs.org/cen/news/87/i42/8742notw8.html>

### **The Royal Society makes 60 historic papers freely available online**

<http://news.bbc.co.uk/1/hi/sci/tech/8385560.stm>

<http://royalsociety.org/Royal-Society-Past-Present-Future>

### **Cloud Computing for Pharma** by Dr Wendy Warr

Article, from QSAR World, on cloud computing with a cheminformatics slant - introduces the concept and its applications in pharma industry and gives some real-life applications of cloud computing at some of the big pharma companies.

<http://www.qsarworld.com/files/Cloud-computing.pdf>

### **New Book: Information Retrieval - SciFinder, 2nd Edition**

by Damon D Ridley, formerly Professor of Chemistry at Sydney University

<http://www.wiley.com/WileyCDA/WileyTitle/productCd-0470712457.html>

**Journal pricing, don't waste a crisis:** Universities & colleges get tough in negotiations with journal publishers and agents.

CILIP Gazette 11th December 2009, front page.

<http://www.cilip.org.uk/publications/gazette/Pages/default.aspx>

**Periodic Puzzle Competition:** <http://www.valdosta.edu/periodicpuzzles>

An online game that resembles Sudoku but is based on chemistry.

**Royal Society of Chemistry, Chemical Information  
and Computer Applications Group**

**Agenda for the AGM**

to be held at Burlington House on 19<sup>th</sup> May 2010

Apologies for Absence:

Previous minutes:

Annual report:       The annual report in RSC format appears on the CICAG web site  
A report on the year is also available.

Finances:

Election of Officers and Committee:

Currently:-

Chair	Keith White
Treasurer	Chris Evans
Secretary	Don Parkin
Vice-Chair	vacant
Newsletter	
Production Editor	Dot Parker – now Lindsay Battle
Technical Editor	Don Parkin
Members	Jan Davies Lindsay Battle Doug Veal Diana Leitch Alan Tonge Bob McDowall

Note: The Treasurer, Chris Evans, will be standing down so a new Treasurer is to be elected.

Other Officers

Young/Student member       ?

Appointment of Auditor:

Subscriptions:

AOB:

## Booking Form for CICAG Meeting Spring 2010

RSC | Advancing the  
Chemical Sciences



\* Please delete as appropriate

I/We\* would like to attend "Chemical Information for the Chemist and Non-Chemist" on Wednesday 19<sup>th</sup> May 2010, at the Royal Society of Chemistry, Burlington House, London.

Name .....

Organisation .....

Address .....

.....

.....

..... Postcode .....

Telephone ..... Fax .....

E-mail .....

*Please tick the appropriate boxes below. We regret we CANNOT ACCEPT CREDIT CARD bookings.*

Cost of the meeting: Member of the CICAG/USTLG (£30)  Non-member (£40)

Payment by cheque (enclosed) - payable to RSC-CICAG

Please send invoice to above address

Please send invoice to address below

Name Mr/Miss/Mrs/Ms/Dr/Professor\* .....

Organisation .....

Address .....

.....

.....

..... Postcode.....

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**Please return the booking form no later than 12<sup>th</sup> May 2010 to:**

Alan Tonge  
RSC-CICAG Spring Meeting  
45 Byng Road  
Barnet  
Herts. EN5 4NW

Please E-mail or phone Keith White ([keith.white@matthey.com](mailto:keith.white@matthey.com); 01763 256324), Chairman, RSC CICAG, for any enquiries.

Further details will be sent 1-2 weeks before the event. **Please notify us of any cancellations to assist with catering.**