NEWSLETTER Summer 2014

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Chemical Information & Computer Applications Group: http://www.rsc.org/CICAG

http://www.linkedin.com/groups?gid=1989945

MyRSC http://my.rsc.org/groups/cicag

https://twitter.com/RSC_CICAG

QR Code

Contributions to the CICAG Newsletter are welcome from all sources - please send to the Newsletter Editor: Lindsay Battle, email: lindsay.battle@chem.ox.ac.uk

Chemical Information & Computer Applications Group

CICAG aims to keep its members abreast of the latest activities, services, and developments in all aspects of chemical information, from generation through to archiving, and in the computer applications used in this rapidly changing area through meetings, newsletters and professional networking.

CICAG is now on MyRSC: http://my.rsc.org/groups/cicag
You can join the CICAG discussion group page: http://my.rsc.org/groups/home/546
We are also on LinkedIn: http://www.linkedin.com/groups?gid=1989945
and Twitter: https://twitter.com/RSC_CICAG

CICAG Committee Members
We welcome **Dr Helen Cooke** who has volunteered to join the CICAG Committee (see below).

Dr Keith White, the previous CICAG Chairman, stood down from this position in May. Following discussion with interested parties on the RSC CICAG Committee, it was agreed that Helen Cooke would be the new Chair of CICAG, Jeremy Frey will undertake the role of Vice Chair, Alan Tonge will continue as the Secretary and Diana Leitch will continue as the Treasurer. Helen and Jeremy started their new roles at the recent Committee Meeting on Wednesday 21st May. The CICAG committee therefore now comprises:

Chair: Dr Helen Cooke
Vice Chair: Prof Jeremy Frey
Secretary: Dr Alan Tonge
Treasurer: Dr Diana Leitch

Other Members:
Mrs Lindsay Battle
Miss Hannah Morgan
Mr Stuart Newbold
Dr Stephanie North
Mrs Yvonne Pope
Dr Doug Veal
Dr Keith White

A full list of RSC CICAG Committee Officers and Members, with their affiliations and contact details, is provided on the CICAG website:
http://www.rsc.org/Membership/Networking/InterestGroups/CICAG/committee.asp

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 RSC CICAG Chairman: Dr Helen Cooke, email: helen.cooke100@gmail.com. Enquiries are particularly welcome from younger members of the profession.
N.B. It is now an RSC requirement that all new group committee members are also members of the RSC.

Dr Helen Cooke
After graduating in chemistry from the University of Manchester, Helen worked for a few years in scientific publishing for Derwent Information and then the International Union of Crystallography. This was followed by 20 years at the University of Manchester Institute of Science and Technology, originally as the Chemistry Librarian but later changing roles to partner with MIMAS (Manchester Information and Associated Services) to deliver the *CrossFire Beilstein* and *Gmelin* databases to UK, Irish and Scandinavian universities, and to lead UMIST's Cheminformatics MSc course. Helen completed her PhD on the history of chemical information in 2003.

In 2004, Helen made a big change, moving to the USA and taking a position at GlaxoSmithKline in the R&D IT department. At GSK she was initially involved with scientific information education, but soon moved to a programme manager role. Her most significant programme involved deploying service oriented architecture and information management best practices across R&D IT. Helen returned to the UK in 2011, still working for GSK but in Stevenage rather than Philadelphia.

Helen was actively involved with the RSC prior to leaving the UK, being a member of the Publishing Board and in the early 2000's chairing a working group which considered options for the future of the RSC's Library. She is looking forward to participating in the activities of the CICAG.

Helen is pictured with her husband, Frank (until 2013 a manager in GlaxoSmithKline's published information group, now retired), at the launch of Outbreak held at the Catalyst Museum, Widnes, on 14th February 2014. It was chemical information which brought Helen and Frank together, as they first met at a *CrossFire* User Group meeting in Frankfurt, Germany!

RSC CICAG Annual Report for 2013

The full CICAG Annual Report for 2013 can be downloaded from the CICAG website: http://www.rsc.org/images/CICAG-Annual-Report-Form-2013_tcm18-240098.pdf

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Autumn 2014 CICAG Meeting

Proposed future meeting:
With the rise of wide scale participation in open innovation supported by the Internet and Web, standards in nomenclature and terminology are again prime movers in the advance of Chemical sciences. In partnership with the University of Southampton, the CICAG is therefore planning a meeting entitled "**What's in a Name? The unsung heroes of open innovation: nomenclature and terminology**", to be held on 21 October 2014, at Burlington House, London.

A more detailed programme will be available later in the year on the CICAG web site.

OUTBREAK

Contributed by Diana Leitch, Information Consultant and Catalyst Trustee

Following on from success in the 2012 RSC IYC Challenge Competition (for details see CICAG Spring 2013 Newsletter), the £10,000 grant won by the RSC's two Interest Groups, Historical Group and CICAG, was used to fund a new project called OUTBREAK at the Catalyst Science Discovery Centre, Widnes.

OUTBREAK was launched on Friday 14th February 2014 at Catalyst; this was reported in:

- *Runcorn and Widnes World*, Monday 24th February 2014: http://www.runcornandwidnesworld.co.uk/news/11029260.Catalyst_in_Widnes_wins___10_000_to_develop_exciting_chemistry_project/
- *RSC News* April 2014 issue, page 4: http://mag.digitalpc.co.uk/fvx/rsc/rscn/1404/
- *Solvay Connects* Issue no. 28 Spring 2014, page 17: http://www.solvay.co.uk/en/binaries/Solvay-Connects-Issue-28-169054.pdf

Contact diana.leitch@googlemail.com for more information.
Catalyst Science Discovery Centre: http://www.catalyst.org.uk/

Student Bursaries

In order to encourage young chemists to consider careers in chemical information and computer applications, the CICAG committee is prepared to consider applications from students for bursaries to attend any relevant chemical information or computer applications conference or meeting.
Initial enquiries should be made to the CICAG Chairman, Dr Helen Cooke, email: helen.cooke100@gmail.com

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Sponsorship

This year CICAG has already sponsored three events:

1. First joint CICAG/Cambridge Cheminformatics Network Meeting (CCNM)
This meeting took place on the afternoon of Wednesday 19th February at the Cambridge Crystallographic Data Centre (CCDC) in Cambridge, and CICAG and the CCDC provided cake and coffee/tea before the meeting. The programme included the following talks:

- Semantic Representation of Chemical Information and Health and Safety Data
  Mark Borkum, University of Southampton
  http://uk.linkedin.com/pub/mark-borkum/1b/196/89b
- Extracting Knowledge from Reactions Using Classification
  Stephanie North, Allyl Consulting Ltd, Representing InfoChem GmbH
  http://www.infochem.de/
- Using Matched Molecular Series as a Predictive Tool to Optimize Biological Activity
  Noel O'Boyle, NextMove Software
  http://www.nextmovesoftware.com/

2. USTLG 2014 Spring Meeting: Promoting the role of libraries, library services and librarians
CICAG sponsored lunch and provided a speaker to talk at the USTLG meeting on Friday 16th May 2014 at Heriot Watt University, Edinburgh. CICAG committee member Professor Jeremy Frey gave a talk entitled “The future of experimental data: libraries and laboratory

notebooks." The presentations are now available on the USTLG website: http://www.ustlg.org/?page_id=728

3. Joint CINF-RSC CICAG Symposium: Chemical Schemas, Taxonomies and Ontologies held at the 247th ACS National Meeting Dallas, March 2014
Thanks to Colin Bird for the following summary

The CICAG co-sponsored a symposium at the Dallas ACS meeting in the CINF sessions involving a discussion of chemical ontologies and laboratory notebooks and in general a discussion about the way chemists manage data; the sessions were very successfull with plenty of audience engagement and discussion about the way forward.

How chemists manage data as a commodity
Chemistry and information technology utilities share the need to organise and manage disparate and heterogeneous data. Utilities exploit either content that is adapted for a specific service, elements from more than one source, or both, possibly as a mashup application. Chemists similarly deploy, link, compare and contrast heterogeneous data. Two full-day sessions at the American Chemical Society (ACS) meeting in Dallas, Texas, addressed essential aspects of how chemists organise and manage their data.

The 16th March session examined the role of Chemical Schemas, Taxonomies and Ontologies in the understanding of objects and their relationships, while on the following day delegates discussed Electronic Notebooks and the management of research data. Speakers in both sessions covered a wide range of topics, giving a broad picture of the current state of these important facets of data, information, and knowledge, thus creating a perspective that could usefully inform the IT as a Utility debate.

A recurrent theme on both days was the heterogeneity of the data that chemists work with and the consequent need for tools and services to support integration, interoperation, query and retrieval. Ye Li, a Chemistry Librarian at the University of Michigan, reported her manual profiling of the common types of data used by chemists, intended to provide a foundation to facilitate data sharing in chemistry. Several other speakers described projects that integrate data at various stages of the data lifecycle, from creation through text-mining and data extraction to the federation of data sources. Terminology, cross mapping of taxonomies and ontologies, and data normalization are key issues in the management and exploiting of heterogeneous data. The same is very likely to be true for IT utilities.

Other considerations that permeated the talks on both days were the importance of context, identifying the key concept, and the relationships between the elements of the data. For example, Stuart Chalk proposed the Experiment Markup Language (ExptML) as a framework for capturing the content and context of science experiments. For chemists, the key concept is the structure: databases and classification tools rely upon a representation of molecular structure. ChEBI is a database and an ontology of Chemical Entities of Biological Interest, whose entries are organised according to both structure-based and role-based classification hierarchies, thus enabling relationships to be explored.

Although molecular structure and its influence on reactivity are clearly specific to chemistry, other topics that bear on the management of chemical data have more general applicability: data curation, including classification, metadata capture, provenance recording, and the provision of secure and auditable storage, retrieval, and sharing. IT utilities will also be concerned with the lifecycle of activities and the secure deposition of the final outcomes of those activities. Just as the ability to link individual experiment records with the materials and samples used is particularly important for establishing

unequivocally the provenance of a given procedure, so too are the links between utility deliverables and their data sources. Methods are being developed that capture automatically metadata that is based on information provided by chemists about their experiments and from their experiment plans.

While the sessions were focused on the description of chemical entities and the organisation and management of chemical data, particularly in digital notebooks, the relevance to IT utilities was readily apparent in much of the discourse.

ACS Program Listing: Abstracts and Slides: http://bulletin.acscinf.org/node/557
Sunday 16th March: Chemical Schemas, Taxonomies and Ontologies
Monday 17th March: Keeping the Thrill Alive: Research Data and Electronic Notebooks

[CINF is the Chemical Information Group of the ACS]

CICAG is also involved with the organisation of the Noordwijkerhout meeting:

10th International Conference on Chemical Structures and 10th German Conference on Chemoinformatics
1st - 5th June 2014, Noordwijkerhout, The Netherlands
http://www.int-conf-chem-structures.org/
The 10th International Conference on Chemical Structures (ICCS) and the 10th German Conference on Chemoinformatics (GCC) are teaming up for their 2014 conferences. Building on past successes of both conference series the 2014 event will offer a strong scientific program covering all aspects of cheminformatics and molecular modeling.

and has agreed to sponsor another internship:

CICAG Summer internship
Last year CICAG sponsored a summer intern in Southampton and this enabled Thomas Wilson, an Environmental Science student on the “Chemical Pathway”, to undertake a chemical informatics-related project on Forest Ecosystem Services as a Case Study for Ontologies and Vocabularies in Environmental Science. In his project Thomas explored what schemas and taxonomies were available and what developments were needed. Thomas is now finishing his undergraduate degree and will start a PhD in chemical education in the autumn. This year CICAG will again sponsor an intern and the funding has been complemented by funding from the University of Southampton EXCEL scheme so we anticipate two informatics projects this summer.

Tony Kent Strix Award 2013 and 2014

Contributed by Doug Veal

Call for nominations for 2014 Strix Award
UKeiG is now seeking the 2014 nominations for this prestigious award.

The Tony Kent Strix Award is given in recognition of an outstanding practical innovation or achievement in the field of information retrieval in its widest sense – thus including search and data mining, for example. This could take the form of an application or service, or an overall appreciation of past achievements from which significant advances have emanated. The Award is open to individuals or groups from anywhere in the world. The deadline for nominations is **Friday 28th August 2014**.

Nominations should be for achievement that meets one or more of the following criteria:

- a major and/or sustained contribution to the theoretical or experimental understanding of the information retrieval process;
- development of, or significant improvement in, mechanisms, a product or service for the retrieval of information, either generally or in a specialised field;
- development of, or significant improvement in, easy access to an information service;
- development and/or exploitation of new technologies to enhance information retrieval;
- a sustained contribution over a period of years to the field of information retrieval; for example, by running an information service or by contributing at national or international level to organisations active in the field.

Key characteristics that the judges will look for in nominations are innovation, initiative, originality and practicality.

Full details of how to apply can be found at:
http://www.ukeig.org.uk/content/2014-call-tony-kent-strix-nominations

Presentation of 2013 Jason Farradane and the Tony Kent Strix Awards

Once again Internet Librarian International played host to the UKeiG Awards presentations, which took place at the beginning of the Keynote Paper on Day 2. UKeiG had received nominations for both the Jason Farradane and the Tony Kent Strix Awards and deserving winners were found for both.

The Jason Farradane Award went to Professor Charles Oppenheim who, as the nomination says, "is surely one of the outstanding UK figures in information science" having moved between work in the information industry and academia resulting in professorships in two departments of information science and a research centre. During his career, Professor Oppenheim has published widely and his interests include legal issues in the library and information profession, particularly copyright, data protection and freedom of information, as well as research evaluation, citation studies and bibliometrics, open access, scholarly communication and the digital library. The award was made by David Ball, Honorary Secretary of UKeiG. Pictures of the presentation and further details of both the award and the winner can be found at:
http://www.ukeig.org.uk/awards/jason-farradane.

The Tony Kent Strix Award (see above) is presented by UKeiG in partnership with the Chemical Information and Computer Applications Group of the Royal Society of Chemistry (RSC CICAG); the International Society for Knowledge Organisation UK Chapter (ISKO UK) and the British Computer Society Information Retrieval Specialist Group (BCS IRSG) .

The 2013 Award went to Professor W Bruce Croft, Distinguished University Professor at the Department of Computer Science, University of Massachusetts, Amherst, MA USA.
Bruce Croft formed the Centre for Intelligent Information Retrieval (CIIR) in 1991, since when he and his students have worked with more than 90 industry and government partners on research and technology projects and have produced more than 900 papers. Bruce Croft has made major contributions to most areas of information retrieval, including pioneering work in clustering, passage retrieval, sentence retrieval, and distributed search.

Doug Veal (Chair of the Strix Award Panel and representing award sponsors, RCS-CICAG) made the presentation to Stephen Robertson who received the trophy on behalf of the winner. Also in the awards party was Diane Heath, representing the Award's second sponsor, ASLIB: The Association for Information Management. Again, pictures of the

presentation and further details of both the award and the winner, and a list of past winners, can be found at http://www.ukeig.org.uk/awards/tony-kent-strix.

UKeiG is a Special Interest Group of CILIP: the Chartered Institute of Library and Information Professionals and is a long-established forum for all information professionals, users and developers of electronic information resources, which promotes and advances the effective exploitation and management of electronic information.

Other Awards

CSA Trust Grants

The Chemical Structure Association (CSA) Trust is an internationally recognized organization established to promote the critical importance of chemical information to advances in chemical research. In support of its charter, the Trust has created a unique Grant Program and is currently inviting the submission of grant applications for 2015. The **deadline for applications is March 13th, 2015**. For full details and previous winners see: http://bulletin.acscinf.org/node/590

ALPSP 2014 Awards for Innovation in Publishing

The ALPSP Awards are open to any new development, product, service, launch or project which is both innovative and of significant value to scholarly communication. The winners must demonstrate excellence in terms of originality and innovation, significance and value to their community, utility and long-term viability. Finalists will be given the opportunity to showcase their applications at the ALPSP International Conference in September. Applications are now being accepted; the **closing date is 4 June**.
For further information, see: http://awards.alpsp.org

2014 Herman Skolnik Award: Dr Engelbert Zass has been selected as the recipient of the ACS Division of Chemical Information's 2014 Herman Skolnik Award.
http://www.acscinf.org/content/engelbert-zass-selected-receive-2014-herman-skolnik-award

John Merriman Award: UKSG is delighted to announce the 2014 winner of its annual John Merriman Award, set up in recognition of the founder of UKSG and NASIG (the North American Serials Interest Group). David Walters, Digital Assets Officer (Information Resources) from Kings College London, will receive funding from Award sponsor Taylor & Francis to attend the 2014 NASIG Conference in Fort Worth, Texas. Meanwhile, NASIG has awarded its 2014 Merriman Award to Kathleen McGrath, Acquisitions Librarian, University of British Columbia, who will attend UKSG's Annual Conference in Harrogate.
http://www.uksg.org/events/merrimanaward

The **Chemical Structures Association Trust Michael Lynch Award for 2014** is to be presented to the "InChI Team" in recognition of their outstanding accomplishments in the conception and development of the IUPAC International Chemical Identifier, InChI.
http://www.int-conf-chem-structures.org/mike-lynch-award.html

Royal Society of Chemistry Prizes and Awards 2014

A list of winners can be found at:
http://www.rsc.org/ScienceAndTechnology/Awards/Winners/2014-winners.asp
and a collection of winners' papers recently published in RSC journals is available free to access for a limited period at: http://rsc.li/rscwinners-collection

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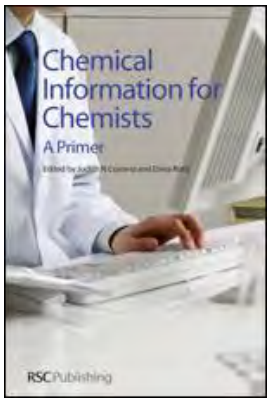
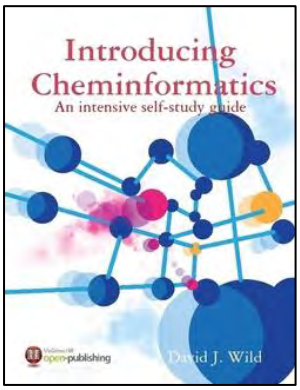
Chemical Information / Cheminformatics Books



Chemical Information for Chemists: a Primer. Edited by Judith N Currano & Dana L Roth. Royal Society of Chemistry, 2014. £24.99.

We hope to include a review of this in our next newsletter.

http://www.rsc.org/shop/books/2013/9781849735513.asp
http://pubs.rsc.org/en/content/ebook/978-1-84973-551-3



Introducing Cheminformatics eBook by David J Wild is now available in Kindle format, as well as the previously-available PDF version.

http://learncheminformatics.com

National Chemical Database Service News

DETHERM 2013 data updates

Thermophysical data from 2013 has now been added to the DETHERM database. New data added from 2013 includes:

- 4,200 Literature Documents
- 28,800 Data Tables
- 332,000 Data Rows

DETHERM now contains data from over 100,000 literature documents, equating to over 8,000,000 data rows.

Shibboleth

Web browser-based resources can now be accessed off-campus by logging in using Shibboleth. Just access the Service from the website: http://cds.rsc.org
and you will be automatically directed to the Shibboleth authentication page.

CAS News

Contributed by Dr Anne Jones, CAS Applications Specialist UK & Ireland

CAS Partners with Chemical & Engineering News (C&EN) on a New Feature Article Called patentpicks!

A collaboration between CAS and C&EN staff leads to a new, monthly feature in C&EN called patentpicks. The feature article series premiered in the January 27 issue of C&EN and highlights current technology, focusing on three or four recent patents from the CAS databases to support the importance of this technology.

The first article covered aerogels. The specific aerogel patent areas involve their use for environmental cleanup, as clothing insulation and as a nano-sized drug delivery system.

C&EN is an important ACS member benefit that is available to all of its more than 160,000 members worldwide through its print and electronic editions as well as on the Web at cen.acs.org.

CAS Training in the UK 2014
In addition to the e-learning resource, CAS Learning Solutions, we continue to offer training sessions for both STN® and SciFinder® in the UK.

We are also able to conduct 'in-house' training sessions or WebEx sessions on all aspects of CAS based STN or SciFinder searching. Also, if you wish to know more about any of the CAS products or would like further information or help with STN or SciFinder then please contact annejones@cas.org

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STN News

Contributed by Dr Anne Jones, CAS Applications Specialist UK & Ireland

Annual MEDLINE® Reload on STN® Introduces New Searching Capabilities and the Updated 2014 MeSH Thesaurus
The annual reload of MEDLINE on STN launched on January 26, 2014. The reload includes the 2014 MeSH (Medical Subject Headings) Thesaurus. Key enhancements include:

- Multiple author affiliations – Organizational affiliations (or corporate sources) are now provided for all authors rather than just one
    - BIB and ALL displays have been updated to include multiple author affiliation information
    - The new AU.CS custom display format provides all author and corporate source information per record
- Unique author identifiers from the ORCID Registry now available in the AUID field
- Expanded citing document search and display capabilities allow customers to hyperlink to citing documents of interest
- New Grant Organization (GO) and Grant Number (GN) fields provide information on the institutions funding medical and scientific research
- The new Abstract Language (ABLA) field provides the additional languages in which the publisher provided an abstract

For further information on the enhancements, enter HELP RLOAD in MEDLINE.

SciFinder News

Contributed by Dr Anne Jones, CAS Applications Specialist UK & Ireland

CAS and PerkinElmer Announce SciFinder® & ChemBioDraw® Collaboration
The anticipated, exclusive ChemBioDraw '*Search SciFinder*' feature, the result of a collaborative effort between CAS and PerkinElmer, is now available (May 2014).

This feature allows ChemBioDraw (Ultra-version) users to launch a SciFinder search from within the ChemBioDraw interface, and then be taken directly into the related search results within SciFinder. This development will be a significant convenience and workflow enhancement for users of both SciFinder and ChemBioDraw.

Non-Java Editor Updates and New Substances Sort Option Added in Latest SciFinder® Release

The latest SciFinder release adds molfile (.mol) import/export support and shortcut keys to the Non-Java CAS Structure Editor, and introduces a new sort option for substances (sort by number of commercial sources).

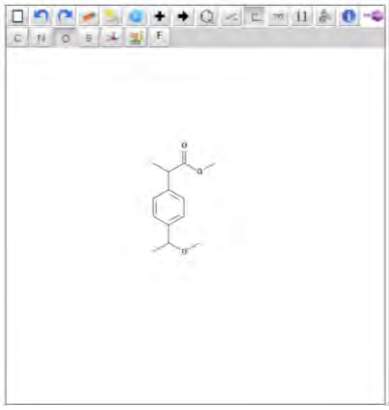
Non-Java CAS Structure Editor Update: The following features and enhancements have been added to the Non-Java CAS Structure Editor:

- .mol import/export: allows users to easily and conveniently transfer structures from third-party drawing tools such as ChemDraw to SciFinder's structure editor
- Shortcut keys: allows users to change a carbon node to various common elements or change the number of bonds using a single keystroke

Sort by Number of Commercial Sources: This new Sort option allows users to sort a substance answer set by the number of commercial suppliers associated with each substance. It lets users quickly identify widely available compounds.

InfoChem News

Contributed by Stephanie North, Allyl Consulting Ltd, representing InfoChem in the UK



New IC*EDIT* web version released

InfoChem is pleased to announce the release of a new IC*EDIT* web version. This new version of InfoChem's drawing and depicting tool is based on JavaScript and is HTML5 compatible. This allows flexible integration in all standard browsers, avoiding security issues with Java applets.

Click here for more information about IC*EDIT* and to test the JavaScript version.

Name Reaction search to be included in SPRESI*mobile* App

InfoChem is pleased to announce a new release of SPRESI*mobile* in March 2014. The free App for iPhone and iPad is developed to perform structure and reaction searches on mobile devices and offers access to more than 500K reactions - these are a subset of the SPRESI reaction data (ChemReact). Additionally, SPRESI^{web} subscribers have access to the entire SPRESI reaction content.

Name Reaction searching will be integrated in the new App version. After registration users will be able to see a new button for name reaction searches in the reaction search form. Furthermore, all users (including those not registered) will see a new hyperlink with the Name Reaction in the reaction hit list, when named reactions are hits for a reaction search. This hyperlink allows users to retrieve all reactions assigned to the specific mechanism.

For more information about SPRESI*mobile* please click here.

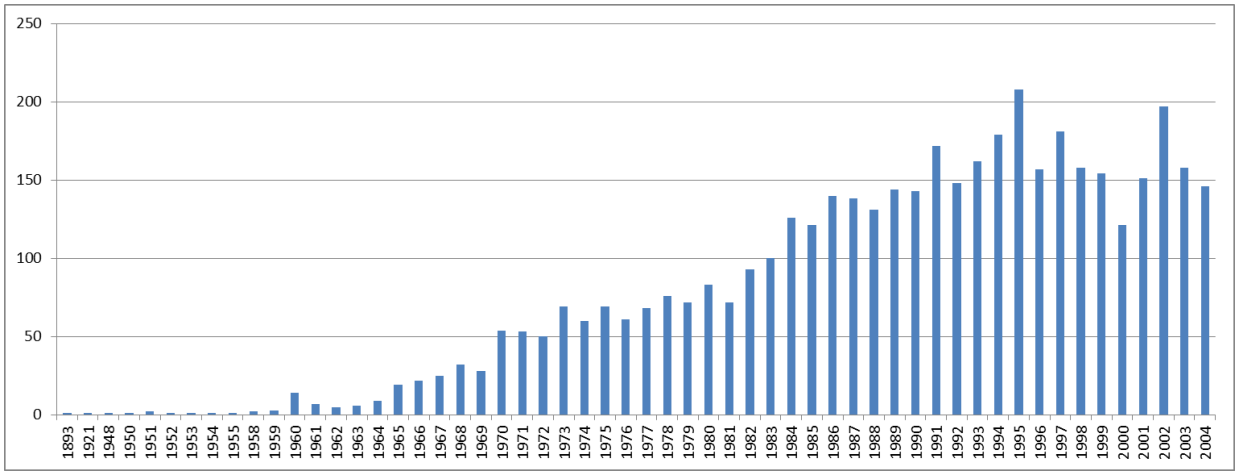
Please contact Stephanie North (sn@infochem.de or stephanienorth@allylconsulting.com) for more information about InfoChem's research projects and products.

Springer News

Contributed by Stephanie North, Allyl Consulting Ltd

Springer Book Archives: Relevant Scientific Research Of The Past

The Springer Book Archives is a project from Springer to digitize Springer books published since the 1840s to enable easy electronic access to past scientific literature for researchers through Springer for R&D. With an additional 10,000 eBooks recently being added to the Springer Book Archives, the collection now encompasses more than 56,000 English titles and 54,000 German language titles. The Springer Book Archives include more than 4,300 Chemistry-related historical publications from many renowned authors such as Emil Fischer, as well as numerous popular more recent books. The graph below shows an overview of the distribution of all Chemistry-related titles since 1893.



All titles are DRM-free for unlimited simultaneous users, printing and downloading, to computers, tablets and eReaders.

For further information and pricing options, please contact your local Springer Licensing Manager through springer.com/salescontacts.

Forthcoming Meetings/Conferences

Introduction to Journals and E-Resources Today [UKSG course]
4th June 2014, Edinburgh
http://www.uksg.org/event/INJERT040614

Chemical Information Sources, Requests, and Reference
7th June 2014, Vancouver
https://www.slaconference.org/2014/portal/login.ww

Collaborative Working [UKeiG course]
11th June 2014, London
http://www.ukeig.org.uk/trainingevent/collaborative-working-dion-lindsay

E-Resources Technical Update [UKSG course]
12th June 2014, Edinburgh
http://www.uksg.org/event/ERTU120614

Open Access: The future of academic publication? [ACLAIIR AGM & Seminar]
17th June 2014, Cambridge
http://aclaiir.org.uk/events/

Excellence in Online Training and Teaching [Netskills workshop]
19th June 2014, Edinburgh
http://www.netskills.ac.uk/content/products/workshops/event/ed-jun14-exott-r1/

SLA Conference 2014: Tomorrow's World – future-proofing yourself and your library
19th June 2014, London
http://www.cpd25.ac.uk/events/sla-conference-2014-event-ref-tg4sla/

Making metadata work [joint meeting of ISKO UK, DCMI and BCS IRSG]
23rd June 2014, London
http://www.iskouk.org/events/metadata_June_2014.htm

Academic Libraries the Final Frontier [CILIP 2014 conference]
23rd - 25th June 2014, University of Sussex
http://www.cilip.org.uk/academic-and-research-libraries-group/events/2014-conference

Licensing and Negotiation Skills for Librarians [UKSG workshop]
26th June 2014, York
http://www.uksg.org/event/LICNEG260614

Keeping up to date with new research: skills and tools for library staff and users
9th July 2014, London
http://www.cilip.org.uk/information-services-group/events/keeping-date-new-research

iFutures: Research into Practice - a one-day conference organised by doctoral students for doctoral students in the Information Science community
22nd July 2014, University of Sheffield.
https://conferencepapers.shef.ac.uk/index.php/iFutures/if2014/about/submissions

Electronic Theses & Dissertations (ETD): developments and trends in electronic theses and dissertations initiatives
23rd - 25th July 2014, University of Leicester
http://www2.le.ac.uk/library/etd2014?uol_r=cc4d3ce8

Symposium on Integrating Library & Information Resources into Chemistry Curricula
2014 Biennial Conference on Chemical Education
3rd - 7th August 2014, Michigan USA
http://information-literacy.blogspot.co.uk/2014/01/symposium-on-integrating-library.html

It Takes Two to Tango: Chemistry Librarians Partnering with Publishers and Researchers to Advance the Chemical Sciences. A Symposium Honoring Dana Roth
10th - 14th August 2014, San Francisco
http://www.acscinf.org/content/call-abstracts-cinf-symposium-honoring-dana-roth

Facing the Future: Librarians and Information Literacy in a Changing Landscape
IFLA Information Literacy Section Satellite Meeting
14th -15th August 2014, Limerick, Ireland
http://iflasatellitelimerick.com

IFLA World Library and Information Congress Acquisition and Collection Development Section: Open Access converging on Collection Development
16th - 22nd August 2014, Lyon, France
http://conference.ifla.org/ifla80/calls-for-papers/open-access-converging-collection-development

International Data and Information Management Conference: Making Connections
17th September 2014, Loughborough
http://idimc.org

6th Conference on Open Access Scholarly Publishing (COASP)
17th - 19th September 2014, UNESCO, Paris
http://oaspa.org

Open Access: How it will change your (professional) life [UKeiG course]
23rd September 2014, London
http://www.ukeig.org.uk/trainingevent/open-access-how-it-will-change-your-working-life-david-ball-0

26th ICIC International Conference for the Information Community (ICIC)
12th - 15th October 2014, Heidelberg, Germany
http://www.haxel.com/icic/2014/meeting

Information without frontiers - barriers and solutions [UKSG Forum]
21st November 2014, London
http://www.uksg.org/event/FORUM2014

Recent meetings which you may have missed, but can follow up online:

UKSG Annual Conference and Exhibition
14th - 16th April 2014, Harrogate
http://www.uksg.org/event/conference14

Librarians Information Literacy Annual Conference (LILAC)
23rd - 25th April 2014, Sheffield Hallam University
http://www.lilacconference.com/WP/

The Mechanics and Reality of Open Access (ALPSP Seminar)
13th May, London
http://www.alpsp.org/Ebusiness/ProductCatalog/1405MRO.aspx?ID=395

Research Data Management: The library's role
20th May 2014, London
http://www.cilip.org.uk/rdm2014

Collection Development Seminar for Academic Libraries [National Acquisitions Group]
21st May 2014, Birmingham
http://www.nag.org.uk/events/2014/02/fourth-collection-development-seminar-for-academic-libraries-to-take-place-in-birmingham-may-2014/

5th International m-libraries Conference 2014 (Open University (UK) in partnership with The Chinese University of Hong Kong)
27th - 30th May 2014, Hong Kong
http://www.m-libraries.org

See also:
UKeiG Training courses: http://www.ukeig.org.uk/training
ASLIB Training courses: http://www.aslib.com/training/
Netskills workshops: http://www.netskills.ac.uk/content/products/workshops/
TFPL Training calendar: http://courses.tfpl.com/services/course-calendar.cfm

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Other News Items

Appointment at the Palace for RSC president
Professor Lesley Yellowlees collected the prestigious honour of Commander of the Order of the British Empire (CBE) at a ceremony at Buckingham Palace
http://www.rsc.org/AboutUs/News/PressReleases/2014/Lesley-Yellowlees-CBE.asp

Peter Scott announced as Chair of National Chemical Database Service Advisory Board
http://blogs.rsc.org/chemical-database-service/2013/10/09/peter-scott-announced-as-the-chair-of-the-national-chemical-database-service-advisory-board/

Antony Williams has been **appointed Vice President of Strategic Development, eScience** at Royal Society of Chemistry.

RSC pays tribute to John R Ruck Keene, CBE Hon FRSC
Mr John Ruck Keene, former Chief Executive, has died at the age of 97
http://www.rsc.org/AboutUs/News/PressReleases/2014/Ruck-Keene-obituary.asp

New RSC book on Computational Catalysis:
http://www.rsc.org/Shop/books/2013/9781849734516.asp

RSC integrates new online metrics monitoring into its scientific journals
RSC, 11 September 2013
http://www.rsc.org/AboutUs/News/PressReleases/2013/Altmetric-partnership-article-level-metrics.asp

RSC announces a new repository for the chemical sciences
RSC, 7 October 2013
http://www.rsc.org/AboutUs/News/PressReleases/2013/RSC-announces-chemical-sciences-repository.asp

National Compound Collection: A pilot scheme funded by the RSC and led in partnership with the University Of Bristol
http://www.rsc.org/blogs/escience/national-compound-collection

RSC combines forces with Cogent on future talent recruitment
http://www.rsc.org/AboutUs/News/PressReleases/2014/Cogent-future-talent-recruitment.asp

Dorothy Hodgkin's Nobel Prize remembered by the RSC
A National Chemical Landmark blue plaque is awarded to the Inorganic Chemistry Laboratory at the University of Oxford, to celebrate the 50th anniversary of Britain's first female Nobel Prize winner
http://www.rsc.org/AboutUs/News/PressReleases/2014/Hodgkin-blue-plaque.asp

RSC launches MarinLitBeta, an online version of MarinLit
http://blogs.rsc.org/technical/2014/04/09/marinlitbeta-launched/

Computer modelling of molecules has gained the Nobel Prize in Chemistry for 2013: the three Nobellists (Martin Karplus of the Université de Strasbourg, France and Harvard University, USA; Michael Levitt of Stanford University School of Medicine, Stanford, USA; and Arieh Warshel of the University of Southern California, Los Angeles, USA) received the award 'for the development of multi-scale models for complex chemical systems'.
http://www.scientific-computing.com/news/news_story.php?news_id=2268

Monty Hyams, founder of Derwent Publications, has passed away at the age of 95
http://dx.doi.org/10.1016/j.wpi.2013.11.012

Thomson Reuters Reveals New Strategies for Navigating Big Data in the Pharmaceutical Industry
Whitepaper gives insight into technologies that convert Big Data into meaningful Little Data. Thomson Reuters, 19 Sep 2013
http://thomsonreuters.com/press-releases/092013/Pharmaceutical-Big-Data

Special Issue: Communication in Science: Pressures and Predators
Science, 04 October 2013
http://www.sciencemag.org/site/special/scicomm/index.xhtml

Kenneth M. Merz, Jr. named new Editor-in-Chief of the Journal of Chemical Information and Modeling
American Chemical Society, Nov. 7, 2013
http://www.acs.org/content/acs/en/pressroom/newsreleases/2013/november/kenneth-merz-named-new-editor-in-chief-of-the-journal-of-chemical-Information-and-modeling.html

Novelty hits top the charts
Chemistry World, 18 November 2013
http://www.rsc.org/chemistryworld/2013/11/convention-novelty-citation-impact-research

Chemistry World: 10 years ago: Oxford's new labs
http://www.rsc.org/chemistryworld/2013/12/flashback-oxford-new-labs

Chinese Dissertations Added to CAplus
CAS, December 31st, 2013
http://www.cas.org/news/product-news/chinese-dissertations-added

Elsevier Updates SciVal
Weekly News Digest, January 14, 2014
http://newsbreaks.infotoday.com/Digest/Elsevier-Updates-SciVal-94179.asp

Scirus Says Goodbye
Weekly News Digest, October 15, 2013
http://newsbreaks.infotoday.com/Digest/Scirus-Says-Goodbye-92580.asp

New Patent Mapping System Helps Find Innovation Pathways
Georgia Tech Research News, 1/14/2014
http://www.gtresearchnews.gatech.edu/new-patent-mapping-system-helps-find-innovation-pathways/

Dassault Systèmes and Accelrys to Join Forces
http://info.accelrys.com/095LEV0680001Kb000oTF00

Data mining in UK higher education institutions: law and policy
http://www.elgaronline.com/view/journals/qmjip/4-1/qmjip.2014.01.01.xml

CINF Summer 2014 Chemical Information Bulletin now available:
http://bulletin.acscinf.org/node/583

x-index: A Fantastic New Indicator for Quantifying a Scientist's Scientific Impact
http://scholarship20.blogspot.co.uk/2014/05/x-index-fantastic-new-indicator-for.html

Science Citation Index (SCI) celebrates its 50th anniversary
http://wokinfo.com/sci-anniversary.html

Hindawi's Profit Margin is Higher than Elsevier's
http://scholarlyoa.com/2013/04/04/hindawis-profits-are-larger-than-elseviers/

Investigating journals: The dark side of publishing
http://www.nature.com/doifinder/10.1038/495433a

The wisdom of clouds
The promise and pitfalls of doing science with distributed computing
Chemistry World, May 2014 p.38
http://www.rsc.org/chemistryworld/2014/05/wisdom-clouds-distributed-computing-science

Chemistry references in the digital age: sharing chemical information on Wikipedia
RSC News, May 2014 p.15
http://mag.digitalpc.co.uk/fvx/rsc/rscn/1405/

Drug companies are built in labs, not boardrooms
ICI's visionary investment laid the foundations of one of Britain's most successful industries.
http://www.ft.com/cms/s/0/413557b4-d162-11e3-81e0-00144feabdc0.html

Healthcare excellence gets boost from free research journal trial
A year-long pilot will allow staff working across the NHS free trial access to some of the most respected medical and scientific journals.
http://www.jisc.ac.uk/news/healthcare-excellence-gets-boost-from-free-research-journal-trial-01-may-2014

NLM and Wellcome Library Establish Agreement to Make 150 Years of Biomedical Journals Freely Available Online
http://www.nlm.nih.gov/news/welcome_library_agreement.html

EDP Open survey reveals Learned society attitudes towards Open Access
http://www.edp-open.org/index.php?option=com_content&view=article&id=273

China plans 'green' open access future
Chemistry World, May 2014
http://www.rsc.org/chemistryworld/2014/05/china-plans-green-open-access-future-publication

And Finally…….

Contributed by Doug Veal

Readers may well be familiar with the wonderful Uxbridge English Dictionary, a compilation of new definitions of words contributed by team members of the radio quiz series 'I'm Sorry I Haven't a Clue.' Below are some suggestions for a chemical version. Many of these will make you groan, and I'm sure other people will be able to do better.

So – more suggestions please.

Uxbridge Chemical Dictionary

Antimony	Bitcoins
Aromatic	High room in Italian capital
Arsenic	Fundamental injury
Birch reduction	Pollarding of *betula* species
Bond stretching	Torture inflicted on British secret agent
Carbonate	The bit that covers the engine
Deliquesced	Hunt for up-market grocery store
Distillate	Show disrespect until the early hours
Electron	Campaign slogan from the Reagan era
Ferrous	Not for them
Isomer	Flaming June
Ketone	Noise made by a tuning fork
Laboratory	Left-wing speech
Nitrate	Price of hotel room
Phase transition	Plastic surgery
Propane	Masochistic
Protonation	Group in the process of gaining statehood
Racemate	Adventurous partner
Stilbene	Opposite of jumping bean
Urea	Final message from satnav

Please send future items for the CICAG Newsletter to the newsletter editor:
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