

## A report from the **Chemistry Vendor Roundtable**

Monday, Jun 10, 2002 1:30 PM - 4:00 PM reported by Svetlana Korolev

The Chemistry Vendor Roundtable has become an annual session. In 2002 it featured speakers from Elsevier, the American Chemical Society, Knovel, Institute for Scientific Information, the Royal Society of Chemistry, Wiley and Chemical Abstracts Service. The session was organized and moderated by Kathy Whitley, University of South Florida.

### 1. **Edward Hueckel** provided overview on recent developments from **Elsevier**:

- **IDEAL journals** (about 335 titles) have been integrated into ScienceDirect platform now offering over 1,500 journals. The access on both platforms will be till the end of this year, when IDEAL will cease operations.
- New Journals: **Energy, Supramolecular Chemistry, Catalysis**
- New feature: **E-Choice** – a license option for ScienceDirect starting 2003, will commit 90% of complete collection with electronic being the base, but print optional.
- Subject collections introduced in 2001 enable libraries to subscribe at a preferential rate to packages of journal titles clustered around specific subject disciplines
- Backfiles: back to volume 1 issue 1 titles with abstracts will be available for all users at no extra charge with provision of full-text for subscribers. Currently full text access is completed for four journals: Organic chemistry, Inorganic chemistry, Chemical Engineering, and Physical and Analytical chemistry. More journals (about 8 million full text articles) will be available by the end of 2004. References are linked via CrossRef giving access to full text from over 80 STM publishers and CrossRef partners.
- **DYMOND** (DYnamic Metadata ON Demand) linking is available for Tetrahedron Letters
- **ChemVillage** introduced based on new partnership with Engineering Information
- New from MDL: **Major Reference Works, CrossFire Commander V5** providing options for simultaneous searching across Beilstein and Gmelin

### Q&A:

- What are the mechanics of integration of IDEAL into SciDirect? – It will be on the case by case bases via contacts with a SciDirect account representative
- How about Methods in Enzymology? – It will come up as a regular title. Academic Press titles came up May 25, there will be 50 more
- If SFX works with SciDirect? – Yes
- OpenURLs? – Working on the rest of the capabilities of OpenURLS (in addition to SFX).

For more news from Elsevier log on <http://www.elsevier.com/homepage/newnews/>;  
<http://www.info.sciencedirect.com/news/index.shtml>

2. **Matthew Price and Dean Smith** from **the American Chemical Society** talked about new **ACS Journal Archives** launched May1 for a trial with an official release due July 1, 2002. The Archives cover thirty journals and three magazines (11, 000 journal issues scanned) providing full text back from 1879 enabling linking to ChemPort. ACS Web Editions will contain “Current + four years.” New features: “Citation Find” and “Search

Journals”. The Archives will be a “living” product with continued enhancements. Future projects will include provision of supplementary materials. Pricing models will depend on the size of an institution with annual rates: small \$1500, medium \$3000, large \$4500. 1000 institutions have signed for a trial at the moment. For questions contact an ACS account manager, check ACS “Library Link” or call 1-888-338-0012.

Q&A:

- If errata will be included in the ACS archive? – It will contain information cover to cover for research material except for co-published titles
- How about supplementary materials? – Aren’t yet digitizing

For information on the ACS archives log on <http://www.pubs.acs.org/archives>

3. **Christopher Forbes** from **Knovel** delivered an awareness message on “What is Knovel” to the audience. The Knovel’s vision is to combine three elements: content, technology (patented “Database solutions”) and people. Knovel contains hundreds of scientific and engineering references, handbooks and databases in sixteen subject disciplines and offers the ability to search them all simultaneously using the Web. For example, some selected sources are: The Handbook of Chemistry and Physics, Perry’s Chemical Engineer’s Handbook, Dictionary of Substances and Their Effects, Sittig’s Handbook of Toxic and Hazardous Chemicals and Carcinogens. The reference content will be updated continuously. Users can search across text, tables, numerical data, graphs and equations. Tabular information can be searched, sorted and formatted. At present Knovel has 200 institutional customers.

Q&A:

- Are there any publishing partners? - Yes, about twenty publishers
- How do you choose book content? - Subject specialists involved
- How do you present multiple results across searching different sources? - Results presented within the content

For information about Knovel log on <http://www.knovel.com/>

4. **Matthew Kellett** reviewed new releases from **ISI**, stressing that:

- **Web of Knowledge** represents a new conceptual landscape product (not just Web of Science enhanced). Through the platform cross search includes: Web of Science, ISI Proceedings, Derwent Innovation Index, and Biosis Previews (additional sources to be added).
- New feature is **CrossSearch**, which provides a single interface, enabling natural language searches across multiple content sources (journal articles, chemical compounds and reactions, proceedings, patents, preprints and Web sites). Also, the access is available to ISI Current Contents Connect, ISI Chemistry, **INSPEC** (new!), JCR Document Solutions and external databases: NCBI GenBank PubMed and Agricola
- Linking capabilities are enabled within the content internally and externally to publishers’ full- text, OPAC, SFX and free databases.

- Current Contents **e-Search**, available through ISI Current Contents Connect. It is an advanced indexing and retrieval engine to uncover both journal articles and full-text web documents.
- Three new Web of Science features are: Search History, Combined Searchers, and Advanced Search. There are two search options: Form search and Concept search (natural language). Web of Science covers more than 8, 450 journals, provides links to structured information, combined & advanced searching capabilities
- Derwent Innovation Index (DII) covers of over 22 million patents from 40 international patent issuing authorities. ISI has a new relation with **MicroPatent** text (in addition with Delphion). Citation links from Derwent to Web of Science and to ISI Chemistry Products are available
- ISI Chemistry overview: 727, 000 reactions, more than 1.26 million compounds (1996-present)

Q&A:

- If compound searching will be available in DII? –Yes, in the future
- If errata will be available? – Yes, it will be added as a separate record
- Going to do data cleanup? - Not yet, but looking at
- Will PubMed on Web of Knowledge “suck up seats” when doing multidatabase search? – No, multidatabase search counted as one user

Find out more on ISI Press releases at <http://www.isinet.com/isi/news/index.html>

5. **Robert J. Parker** informed on the enhancements from **RSC**:

New journals:

- **Lab on a Chip: Miniaturization for Chemistry and Biology**
- **Phytochemical & Phytobiological Sciences**
- **Catalysts & Catalysed Reactions** (current awareness publication)

News on the existing journals:

- **Chemical Communications** redesign
- Merger of J. Chem Soc Perkin Transactions 1 & 2 to form **Organic & Biomolecular Chemistry** (24 issues/year), will be included in packages A& B
- J.Chem Soc, Dalton Transactions is now to be called **Dalton Transactions**

Electronic enhancements:

- **The Chemical Biology Gateway** [www.rsc.org/chembiol](http://www.rsc.org/chembiol) launched in May 2002. The gateway provides free and easy access to primary literature, review articles book links and email alerts
- Current print journal subscribers can access the entire existing backfiles. All PDF journal articles published between 1997 and 1999 (inclusive) freely available to non-subscribers
- Reference linking: RSC journals, CrossRef, CAS (free abstracts), Document delivery
- Retrospective digitization back to 1990 fully functional during 2002, back to 1960 with searchable text during the next 3 years, then PDFs & headers planned. RSC needs feedback on the model for cost recouping

- E-only subscriptions are planned for 2003

New Books:

- **Basic Concepts in Chemistry**
- **The Molecular World** (with interactive CD-ROM)

Some statistics from RSC:

- In 2002 the dollar prices of journal packages and majority of journals remained unchanged from 2001
- Package A will add LOC, PPS, CCR
- Package L – new, will have Analyst, AA, JAAS
- Manuscript submission is increasing about 18% each year
- Number of pages published is increasing 5% each year
- Journal prices - budget not ready yet

Visit the Royal Society of Chemistry at <http://www.rsc.org/>

6. **Paula Kepos** from **Wiley** discussed access to:

- **Major Reference Works** online (currently 13 titles including 7 titles in chemistry):
  - Kirk-Othmer Encyclopedia of Chemical Technology
  - Ulmann's Encyclopedia of Industrial Chemistry
  - Patty's Industrial Hygiene and Toxicology
  - Encyclopedia of Reagents for Organic Synthesis (e-EROS)
  - Encyclopedia of Computational Chemistry
  - Encyclopedia of Polymer Science and Technology
  - Current Protocols (more than 11 titles)

All online works updated frequently (some once/month). Annual pricing is based on usage including a start up fee of \$50/year.

- **Online Books** is launching for 2002 including 300 titles in three subject- based libraries: chemistry, life sciences & medicine and electrical engineering & telecommunications. Chemistry library will bring access to 58 titles in 2002 in three collections: organic chemistry (23 titles), polymers, materials science and industrial chemistry (17 titles), analytical chemistry, physical chemistry and spectroscopy (18 titles). Online searching provides search and navigations functions of WileyInterScience. MARC records will be available. Licenses are available for each of the individual collections in each library. Free trial access.

Q&A:

- Can we get slips for the e-books? – Will look into
- How about electronic version of Chemical Functional Groups? - Will look into

For more information on products from Wiley check <http://www.interscience.wiley.com/>

7. **William Mercier** summarized what is new from **Chemical Abstracts Service**:

- bibliographic and abstract information is now online back to 1907 available for searching through *STN*, *SciFinder* and *SciFinder Scholar*
- In *CA/Caplus*: ISBN; Lexicon tool and Cited references features added

- CASREACT: backfiles from InfoChem available
- TOXCENTER is a new database on STN
- New email delivery options for search results
- Enhancements made on calculated physical property data and polymer searching including new polymer “linking” and new “polymer structure”
- *STN on the Web* introduced BLAST searching capability to identify sequences in Registry and view articles, patents and related documents
- *STN Express 6*: table tool, 6.01: predefined custom reports added
- The most recent release announced at SLA: *STN Easy for Intranets*, a new STN service to customize databases and services (Alerts) according to the needs of the clients within companies intranets
- *STN Easy*: “advanced” search interface designed
- *SciFinder*: searchers can explore BLAST capability, links to SpotFire, email citations and “keep me posted” (including structure alerts)
- *SciFinder Scholar* covers reaction information back to 1974 from InfoChem, addition for calculated property data from ACD, more user preferences
- *ChemPort* contains more than 3 300 journals, enhanced reference linking to view chemical substances and a list of citing documents; site administration tool can be added for an individual library
- *Science Spotlight* is a free web service that identifies the most cited chemistry-related research publications
- A new page for *Information Specialists* created
- *eScience* enables to enlist the resources of the web to expand upon the results of a search in CAS information products
- *ChemPort* possibility of email to the local ILL service
- “ASKCAS” online service is now available

For more news from CAS log on <http://www.cas.org/new.html>