

STN News

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Announcements

SPOTLIGHT - Coverage of PIUG and IPI Award

Mr. Robert Massie, president of Chemical Abstracts Service (CAS), was awarded the International Patent Information (IPI) Award at the Patent Information Users Group (PIUG) Annual Conference on Monday, May 23, 2011. The IPI award recognizes "significant achievements towards the advancement of patent information." In his acceptance speech, Mr. Massie both recognized, and dedicated the award to, the many hundreds of CAS and collaborating scientists worldwide who ensure the quality and timeliness of patent records in CAS databases. "Their painstaking and expert work serves the global scientific community, and I welcome this opportunity to honor their efforts."



Upcoming Training



Visit CAS Learning Solutions for the 2011 schedule of STN e-learning and training opportunities

CAS Learning Solutions is the place to go for instructor-led and on-demand STN training.

Be sure to check out the latest e-seminar "Legal Status - A Case Study," presenting a comprehensive search of GE's patent portfolio, including patent rights they have bought and sold.

STN E-Learning Tutorials

Stumped when it comes to creating flexibility in your structure searches? Need a refresher on how to draw a G-group or add a Variable Point of Attachment (VPA)?

Let STN Draw curriculum be your answer. Search *STN draw* in the search field then select *Basic STN Structure Drawing E-Learning Curriculum*. This curriculum provides

Mr. Robert Massie holds the IPI Award plaque surrounded by colleagues. From left to right: Dr. Matt Toussant, senior-vice-president of editorial operations at CAS, Dr. Elke Mueller, head of STN sales industry & IP at FIZ Karlsruhe; Robert Massie, president of CAS; Chris McCue, vice-president of marketing at CAS; Rainer Stuike-Prill, vice-president of marketing and sales at FIZ Karlsruhe; Craig Stephens, vice-president of sales at CAS.

Highlights from the meeting included:

- 📌 **PIUG Patent Certification Group extends invitation to take Patent Searcher Certification Mock Exams:** Mock exams are being developed to test the knowledge and skills of patent searchers in chemical and engineering areas.
- 📌 **USPTO and EPO discuss joint Cooperative Patent Classification (CPC):** Expected in December 2012, an IPC (International Patent Classification) based bilateral classification system will combine existing ECLA with ICO and U.S. classification schemes.
- 📌 **Coming soon to MARPAT® - enhanced Markush structure displays:** STN will include new Markush assembled displays in the CAS MARPAT database to significantly reduce review and analysis time.
- 📌 **Numeric property searching in PCTFULL:** Search more than 30 physical- and chemical-associated properties in about 400 units. [More database news.](#)
- 📌 **ECLA online thesaurus introduced to STN patent databases:** ECLA thesauri has been added to DWPI, INPADOCDB/INPAFAMDB, GBFULL, FRFULL and PCTFULL. [More database news.](#)
- 📌 **PNK (Patent Number Kind) search field provides more precise crossover in STN:** The PNK field will improve patent number crossfile searching by providing the correct publication for patent retrieval. [More database news.](#)

CAS REGISTRYSM Keeps Pace with Rapid Growth of Chemical Research, Registers 60 Millionth Substance (May 2011)

On May 20, 2011, CAS Registry Number® 1298016-92-8 became the 60 millionth substance. The substance shows antiviral activity against Herpes Simplex Virus (HSV-1 and HSV-2), a virus whose prevalence can be as high as 74 percent in developing countries and causes 1–2 million infections per year in the U.S. According to the Chinese patent, CN 10204595, the Institute of Materia Medica, Chinese Academy of Medical Sciences and Pharmaceutical Factory Beijing Union developed and manufactured the drug along with other potential antivirals.

quick interactive tutorials on how to create these types of queries and covers basic drawing skills.

To see all of the CAS product training options, visit <http://learningsolutions.cas.org> to register and log in today. Frequently asked questions and quick reference cards are available to help new users with Learning Solutions.

Visit the STN events calendar in the [CAS Learning Solutions](#) resource center for titles, descriptions, schedule and locations of all STN e-learning and training for 2011.

STN Patents and Pizza

June 14

The Secret Life of CAS REGISTRY
in Alexandria, VA

[Register now!](#)

FIZ Karlsruhe e-Seminars

June 16

INPAFAMDB – Easy Recipes for Relevant Results

[Register now!](#)

STN Virtual Classes

If you are new to database searching, you are encouraged to attend these classes in the order shown in the Learning Paths, since each one builds on concepts and skills covered in preceding sessions. Refer to the Learning Path for STN Virtual Classes (111.200) found in the

[Read more >>](#)

Free trial of the Numeric Property Search Feature in PCTFULL on STN (May 2011)

Eligible STN customers can save time and money with the new Numeric Property search feature now available in the Patent Cooperation Treaty Full Text database (PCTFULL) on STN. With added precision, the Numeric Property Search feature increases your relevant results by limiting to:

- 🕒 Size (e.g., SIZ< 100 nm),
- 🕒 Temperature (e.g., TEMP=5°C to 10°C),
- 🕒 Range (e.g., 20 %<PER<30 %), and
- 🕒 many other useful chemical and physical properties in hundreds of units.

Share your experience searching numeric properties in PCTFULL and receive a discount up to \$100 off PCTFULL use in July.

Here's how it works:

1. Search for Numeric Properties in PCTFULL during either May or June 2011.
2. Complete the PCTFULL questionnaire at http://www.stn-international.de/pctfull_survey.html by June 23, 2011.
3. Receive a credit worth up to \$100 for PCTFULL use during July 2011.

For additional information about Numeric Property searching in PCTFULL, please refer to the following link: <http://www.stn-international.de/nps.html>.

Database News

🕒 PATDPA database updates to end in June 2011 (May 2011)

The German patent database PATDPA will no longer be updated after June 16, 2011. [Read more >>](#)

🕒 DGENE, USGENE and PCTGEN: STN biosequence

Learning Solutions resource center.

June 13

- 🕒 *Review Search Results*
- 🕒 *Build Search Strategies*
- 🕒 *Basic Substance Searching in CAS REGISTRY*

June 15

- 🕒 *STN Structure Searching Part 1: Drawing and Searching Specific Structures*
- 🕒 *Review Search Results*
- 🕒 *Build Search Strategies*

June 20

- 🕒 *Retrieve Search Term Variations Using Truncations*
- 🕒 *Increase the Relevance of Your Answer Sets*
- 🕒 *COMMANDING STN: In Depth on INDEX, EXPAND, and SORT*

June 22

- 🕒 *STN Structure Searching Part 2: Basic Substructure Searching*
- 🕒 *Retrieve Search Term Variations Using Truncations*
- 🕒 *Increase the Relevance of Your Answer Sets*

June 27

- 🕒 *Search Using Specialized Criteria*
- 🕒 *Conduct Author and Corporate Source Searches*
- 🕒 *STN Thesauri Searching*

June 29

searches with enhanced performance (May 2011)

FIZ Karlsruhe has enhanced the performance for biosequence searches in the databases DGENE (GENESEQ™), USGENE (USPTO Genetic Sequence Database) and PCTGEN (World Patent Application Biosequences). Searches (RUN GETSEQ, RUN GETSIM, RUN BLAST, BATCH search) now run in a fraction of the time you have been used to. [Read more >>](#)

European Patent Classification thesauri added to INPADOCDB/INPAFAMDB, GBFULL, FRFULL and PCTFULL (May 2011)

Thesauri for ECLA and ICO are now available in the following databases:

- INPADOCDB/INPAFAMDB
- GBFULL
- FRFULL
- PCTFULL

[Read more >>](#)

European Patent Classification thesauri added to DWPI (April 2011) - [Read more >>](#)

Expanded Swedish patent application coverage in CAsM/CAplusSM provides more current and complete information (April 2011) - [Read more >>](#)

MEDLINE improvements provide fast and simple access to DOI and Chemical Name information (April 2011) - [Read more >>](#)

Pricing for SELECTing patent, application and priority numbers in the USPAT and IFI database families is now consistent with similar patent databases on STN - USD (March 2011) - [Read more >>](#)

LDPCI replaces LPCI (February 2011) - [Read more >>](#)

PCTFULL reload offers more content and new Numeric Property search feature (February 2011) - [Read more >>](#)

CABA will be updated weekly (January 2011) - [Read more >>](#)

Release of the new and enhanced DPCI database on STN (January 2011) - [Read more >>](#)

Updated MeSH vocabulary, new structured abstracts and other enhancements improve searching in STN reload of MEDLINE (January 2011) - [Read more >>](#)

Improved timeliness of CAS Indexing adds value to

[STN Structure Searching Part 3: Substructure Search Tools](#)

[Search Using Specialized Criteria](#)

[Conduct Author and Corporate Source Searches](#)

[Register now!](#)

STN Open Practice Sessions

June 23

3:00 pm – 5:00 pm EDT

[Register now!](#)

Upcoming Tradeshows

June 12-15

Philadelphia, PA

[SLA Annual Conference](#)

June 21-23

Shanghai, China

[CPHI 2011](#)

June 27-30

Washington, DC

[BIO International Convention](#)

June 27-July 2

Turkey

[25th National Chemistry Congress](#)

Customer Center Corner

Each month we'll provide answers to real customer questions. This month we answer your training questions.

USPATFULL and USPAT2 chemistry patents (January 2011) - [Read more >>](#)

ReaxysFile available on STN (December 2010) - [Read more >>](#)

Selected STN databases removed on December 31, 2010 (December 2010) - [Read more >>](#)



Set up an RSS feed to keep informed. Receive an alert from CAS whenever important news is available.

Take Note

At Your Command - Join us each month to discover tips on how you can get the most out of the STN command language.

Getting SET – Display exactly what you need by default

Do you have favorite display fields that you'd like to use as your default display?

Use the **SET** command to create and make default custom display formats for a database.

SET FORMAT: Create a user-defined format for any combination of display fields and predefined formats for use in databases with those fields/formats.

1. Enter **SET FORMAT** at the arrow prompt.
2. Provide a name of 2-16 characters (letters and numbers) starting with a period. (e.g., .MYDFORMAT)
3. Enter the formats and fields in the order you want them to display.

SET DFORMAT: Change the default format for a database to any single predefined or user-defined format. Several formats can also be combined into one user-defined format before making it the default format.

1. Enter the database where you would like to set the default format.

Q. What is CAS Learning Solutions?

A. *CAS Learning Solutions* is a simple-to-use resource center that gives you access to the complete portfolio of complimentary CAS product training. When you register, CAS Learning Solutions becomes your personal online resource for CAS learning events and materials, including self-study options like interactive tutorials and printable workbooks, as well as instructor-led events like e-Seminars and public workshops.

Q. Why do I have to register to access CAS Learning Solutions?

A. When you register in CAS Learning Solutions, your profile information is saved automatically. You can keep track of your favorite resources and activities in your personal library under My Selections and customize your training within Learning Solutions.

Q. How do I find training?

A. You can search for training based on date, resource type and text found in the resource's title (including associated keywords) or description. Browsing is a good way to become familiar with the learning resources available. Click the **Subjects** in the Browse for Training list on your Home page to retrieve resources on a particular topic. To browse the calendar of scheduled events, click the **Calendar** icon. To learn more, click to retrieve the Browse for Training quick reference in the Learning Solutions FAQs.

You can search for specific resources by using keywords associated with the title. Type the keywords into the

2. Type **D FORMAT** at the arrow prompt along with the format name.

Use **D FORMAT** to see a list of all your user-defined and default formats. As a reminder, the default format also displays when entering the database.

```
=> FILE CAPLUS
=> SET FORMAT
ENTER FORMAT NAME OR (?): .PATCLASS
ENTER FORMAT DEFINITION OR (?): BIB IPC NCL ABS HITSTR
SET COMMAND COMPLETED

=> SET DFORMAT .PATCLASS
SET COMMAND COMPLETED

=> D FORMAT
USER-DEFINED FORMAT DEFINITION          DEFAULT FORMAT FOR FILE
-----
.PATCLASS          BIB ABS CLASS          CAPLUS
```

Learn more: For additional SET command options, see [Mastering STN Commands](#).

Join us next month to learn how you can take command of what is displayed when using the **ANALYZE** command.

Search field found in the upper right corner of the screen, and then click the magnifying glass. For more advanced searching options, click the Search Training icon on your Home page. To learn more, click to retrieve the Search for Training quick reference in the Learning Solutions FAQs.

Q. I am registered for a virtual training session (e-Seminar, virtual class or open practice session) that is about to begin. Where do I go to start the session?

*A. Log in to your CAS Learning Solutions account. Click My Selections and next to the training event title, you will see a **Launch** link. Click **Launch** to start the session. A WebEx window will open and from here you will be directed on how to access the audio portion of the session, if applicable.*



is a search service, staffed by experienced researchers who can provide you and your organization with high-quality information retrieval in many areas of science.



International Year of
CHEMISTRY
2011

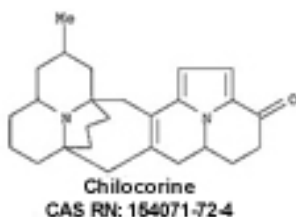
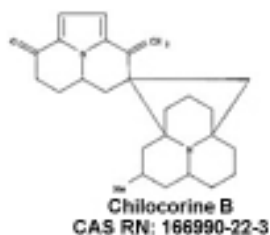
Passing Science – Thomas Eisner De-Bugged

Welcome to the world of Thomas Eisner, an original and influential scientist who fathered the field of chemical ecology. The Cornell University professor died on March 25, 2011, but his preference to study the icky, glowing, dangerous and fascinating world of insects is heavily felt among his more than 200 references in CAPLUS. Eisner's foray into the tiny, yet very populated world of insects taught us about chemical signals, mating, taste preferences (yes – spiders do really care how their prey taste) and defense mechanisms.

Some favorite findings of ours are:

- 🐞 “femmes fatales” or female fireflies that fake signal characteristics of another genus to grab the attentions of an unsuspecting male firefly
- 🐒 wild wedge-capped capuchin monkeys that self-anoint with millipedes to protect against insects, especially mosquitoes, during the rainy season despite toxic and carcinogenic properties of the millipede’s secreted benzoquinones, and
- 🐛 the suggestion that catmint contains a natural insect repellent, the basis of several patents. [Read more >>](#)

In fact, some of his discoveries in CAS REGISTRY even look like insects.

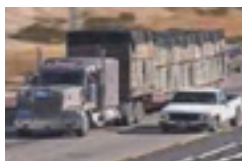


CAS Activities



Colors of Chemistry

Native Americans named their home in the southeastern United States the land of blue smoke, or ***Shaconage***. The blue haze that still blankets this region, including the peaks and valleys of the aptly named Blue Ridge Mountains, occurs naturally when hydrocarbons emitted from trees and other vegetation form a blue light-reflecting aerosol in the atmosphere above the forest canopy. [Read more >>](#)



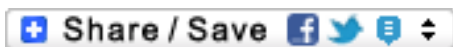
Media Library

Will your car run green with algae? Using substances such as vegetable oil, animal fat, and organisms like algae, researchers are

finding new ways to reduce the 29 billion tons of carbon dioxide emitted into the air each year. [Watch video >>](#)



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