

Upcoming

STN[®] Patents & *Pizza* Sessions

*Speedy Delivery of STN
Search Techniques!*

Improve your STN searching skills over lunch with STN Patents & Pizza sessions.

Sessions are held monthly:

- Time: 11:45 am – 1:00 pm
- Place: Embassy Suites Alexandria—Old Town

Upcoming Sessions*

Session
1
2008

January 8 Text-Based Search Techniques for Engineering Information

From plasma displays and organic LEDs to metal fatigue, STN[®] databases include a wealth of engineering-focused information. In this session, we will demonstrate how to:

- Use text-based techniques for engineering queries in CAPLUSSM, DWPISM, INSPEC[®], COMPENDEX, and other databases
- Employ database-specific search tools to enhance retrieval and precision
- Take advantage of database synergy with cross-file searches

Session
2

February 12 What's in CAS REGISTRYSM?

In this session, we will focus on REGISTRY content and the use of CAS Registry Number[®] identifiers as search terms. Specifically, we will answer the following questions:

- Where do CAS Registry Numbers come from?
- What kinds of substances are assigned CAS Registry Numbers?
- When should you look for a CAS Registry Number?
- Are there other CAS Registry Numbers that should be considered in your search?

Session
3

March 11 "Dictionary Searching" in CAS REGISTRYSM

In this session, we will explore tools to find chemical substances, as well as chemical structure diagrams, in REGISTRY. Often called "dictionary searching", these techniques include the use of:

- Names and name fragments
- Molecular formulas
- Element counts



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Session 4

April 8 Searching for Nanotechnology on STN®

The interdisciplinary fields of nanoscience and nanotechnology involve the manipulation of materials on the molecular scale to produce substances with unique properties and applications. In this session, we will use STN to find documents related to the discovery, development, and patenting of nanomaterials and nanodevices for biological, chemical, and engineering uses. We will also discuss:

- STN resources for nanotechnology information
- Techniques for query development
- Using STN® Viewer™ to evaluate search results

Session 5

May 13 Structure Searching Tips – Using Screens/Filters in Structure Searching

Adding screens/filters to structure search queries can enhance searches that are generic in nature or have requirements that cannot be expressed entirely with a chemical structure diagram. In this session, we will demonstrate when to use screens/filters and how to use:

- The most powerful screens/filters
- The SCREEN command in CAS REGISTRYSM
- Filters in STN Express®

Session 6

June 10 Reaction Searching on STN®

CASREACT® is a database of more than 14 million chemical reactions from patent and nonpatent literature. In this session, we will discuss CASREACT, as well as other reaction databases, and demonstrate how to search reactions by:

- CAS Registry Number®
- Chemical structure diagram
- Functional group

Session 7

July 8 Physical Property Searching in BEILSTEIN on STN®

BEILSTEIN is an invaluable prior art database on STN that offers a diverse collection of pharmacological, ecological, chemical reaction, and physical property data for more than 10 million substances dating back to 1771. In this session, we will provide practical tips for conducting a variety of physical property searches in BEILSTEIN, including how to:

- Determine which individual members of a disclosed substance family have boiling points within a certain temperature range, measured at a certain pressure
- Find an MS spectrum for a given compound

The session will be of value to all intermediate, expert, and aspiring STN physical property searchers.

Session 8

August 12 Have It Your Way – Customizing STN® and STN Express®

Do you run the same search(es) on a periodic basis? Would you like to customize your search sessions? STN lets you automate these processes. In this session, we will demonstrate how to use:

- Function Keys to type repeated commands
- A personal dictionary in STN Express
- The Command Window in STN Express
- SET commands to customize your search



Session 9**September 9
Structure Searching Tips – Why Did I Get That?**

Controlling precision and recall in a structure search may be tricky, but it is essential when you want to know what types of substances will be retrieved. In this session, we will demonstrate:

- Tips and tricks to use in substructure search queries to include (broaden) or eliminate (narrow) certain groups or classes of substances
- Nuances of substructure searching, including connectivity, bond values, bond types, atom attributes, and ring properties

Session 10**October 14
Polymer Searching in CAS REGISTRYSM**

There are several critical considerations when looking for polymers in REGISTRY. In this session, we will discuss:

- How polymers are “registered” by CAS for inclusion in REGISTRY
- The principles for finding specific polymers
- The principles of structure and substructure searching for polymers in REGISTRY
- The POLYLINK command on STN[®]

Session 11**November 11
Improving Searches by Including Patent Classification Codes**

Technology classification codes, i.e., class and subclass designations, are assigned to each granted patent and each published application. A patent classification code represents a searchable collection of patents grouped together according to similarly claimed subject matter. In this session, we will discuss:

- Information about the national and international patent classification (IPC) codes available on STN[®]
- How to use patent classification codes effectively in patentability searches

Session 12**December 9
Chemical and Physical Property Searching on STN[®]**

Are you looking for an actual numeric parameter or for a document that includes physical or chemical properties of a substance or device? In this session, we will demonstrate how to:

- Identify compounds that have a set of known characteristics
- Use property data to refine substance search results in CAS REGISTRYSM and other numeric property databases on STN[®]

Registration & E-mail Reminders

STN Patents & Pizza sessions are free. Registration is required, as seminar size is limited (and we need to know how much pizza to order!). To register, contact the CAS Workshop Program at wksp@cas.org or 800-848-6538, ext. 3549. Or, visit www.cas.org/support/stngen/stntraining/patents.html.

To receive e-mail reminders about upcoming STN Patents & Pizza sessions, send an e-mail to wksp@cas.org.

* Please note that dates, time, location, and topics are subject to change.



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