



5 Good Reasons to Switch to STNNext

Sarah W. Stokes

STNNext[®]

 **FIZ Karlsruhe**
Leibniz Institute for Information Infrastructure

 **CAS**[®]
A DIVISION OF THE
AMERICAN CHEMICAL SOCIETY

Agenda

1. STNext: the premier single source for searching the world's disclosed scientific and technical research
2. Modern, intuitive web-based interface
3. Unique content ONLY available in STNext
4. Search without* limits!
5. Unparalleled customer training and support

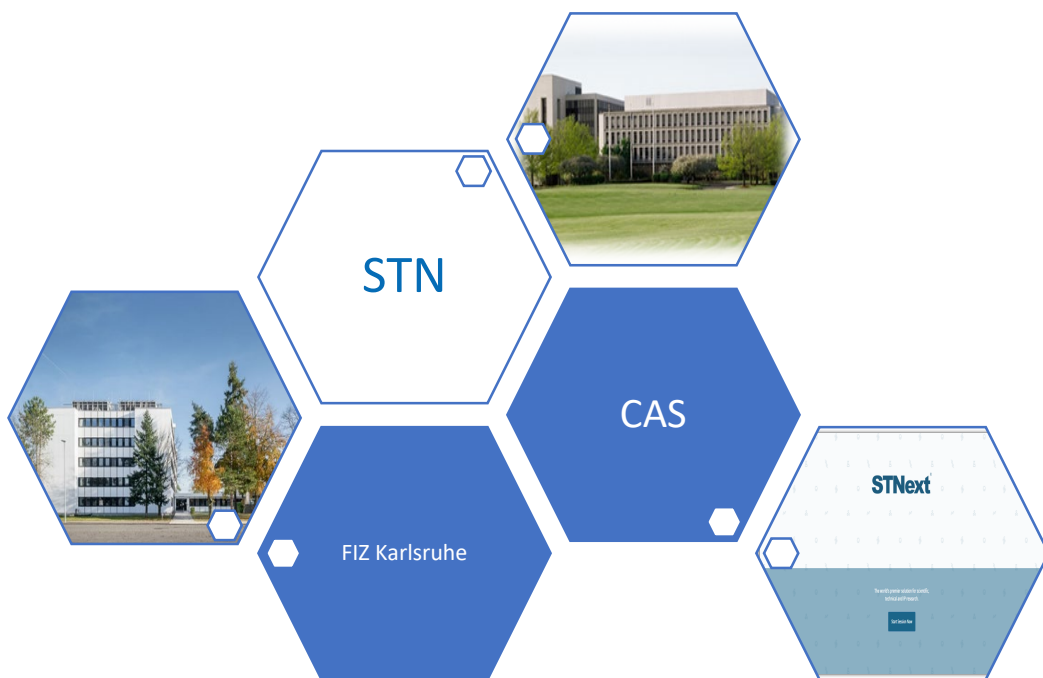


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STN... Scientific and Technical Information Network



Unique content
on one platform

- The complete CAS content collection
- Derwent World Patents Index®
- Broad patent and non-patent collection

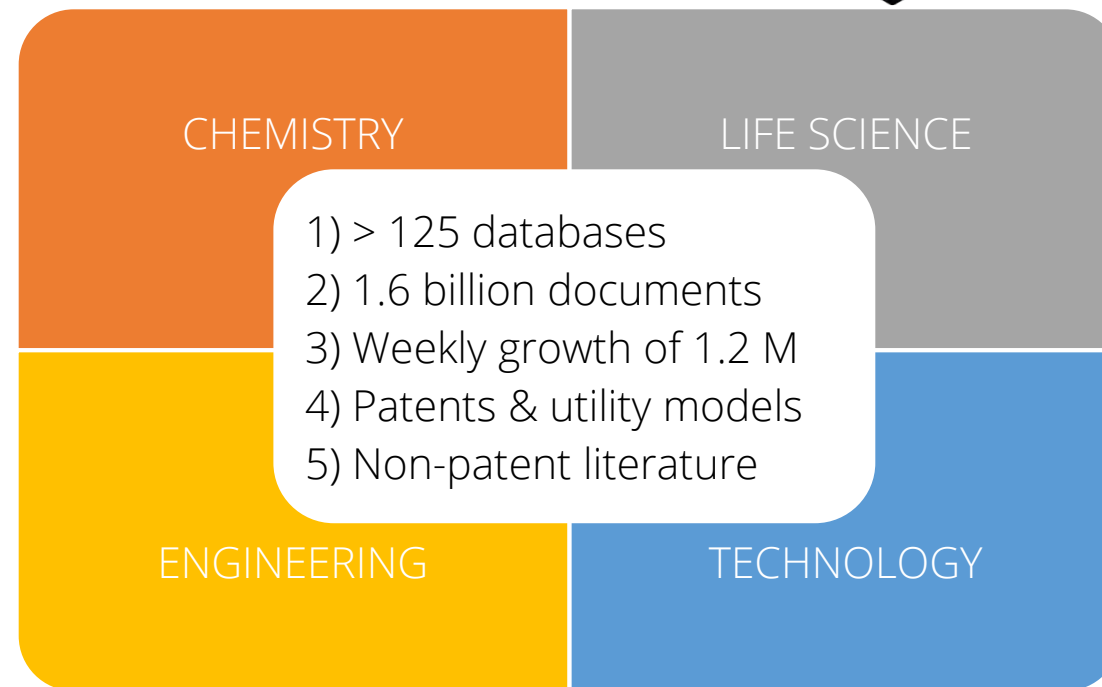
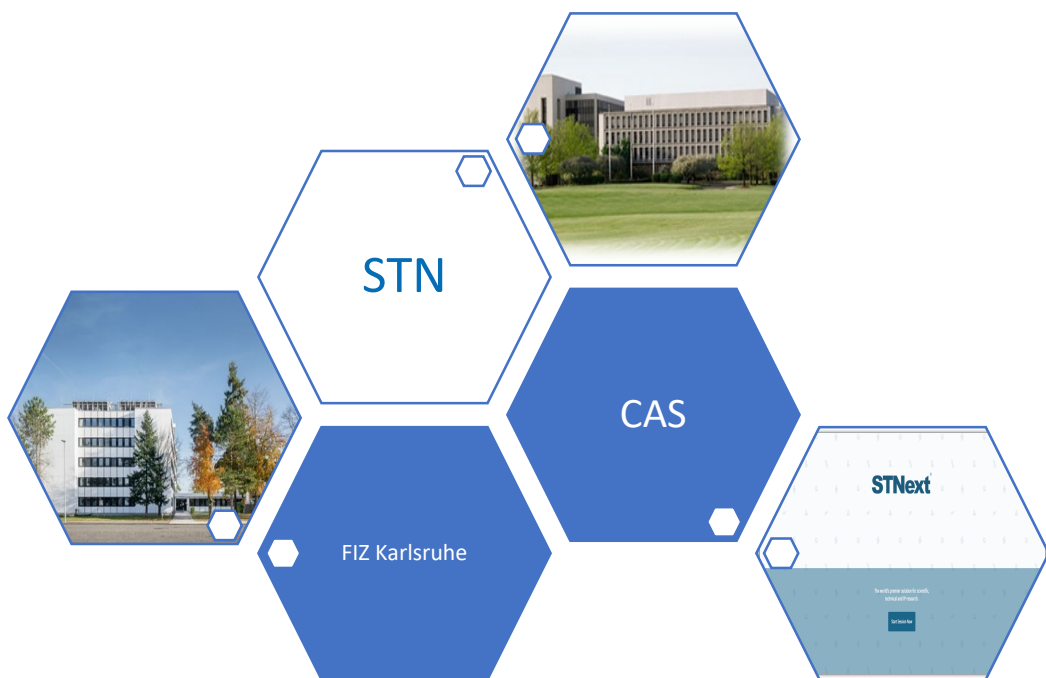
Unmatched
search power and
precision

- Very precise text and substance search
- Advanced analysis and refinement

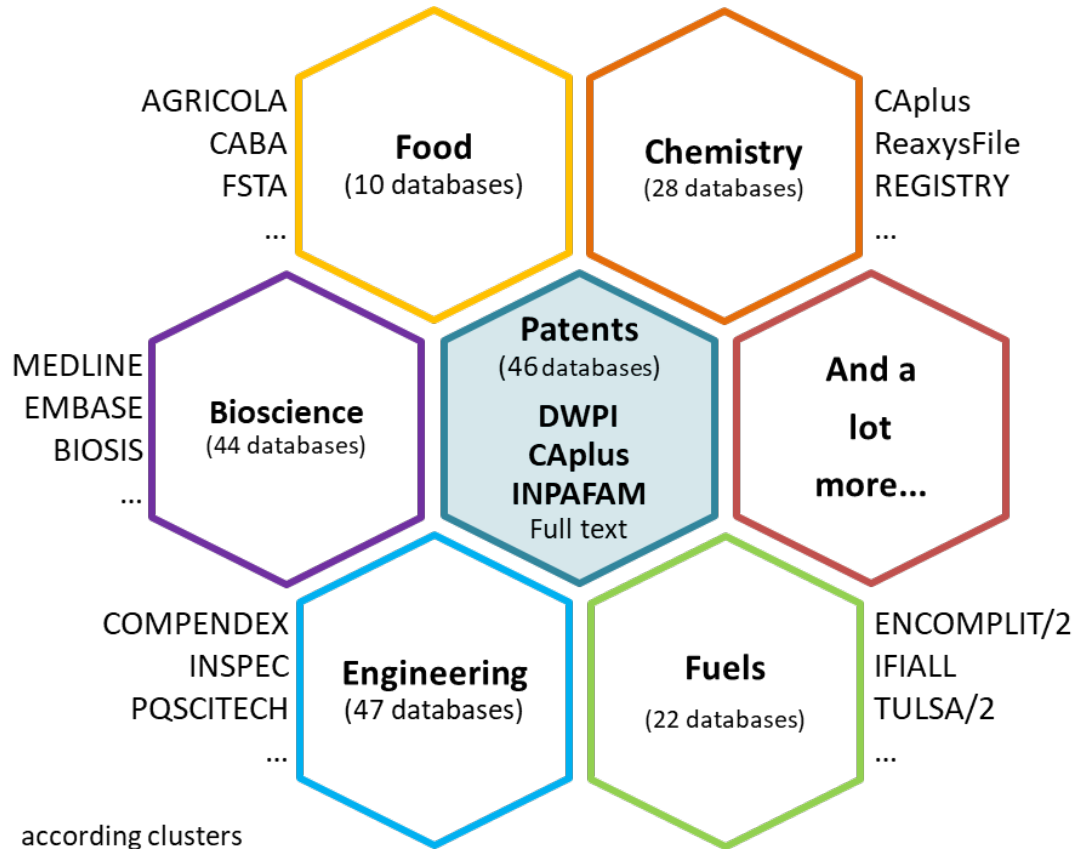
Industry-leading
support and
reliability

- Knowledgeable STN representatives worldwide
- 100% confidential searching

STN... Scientific and Technical Information Network



STN: the joint platform of prestigious scientific publishers worldwide



http://www.stn-international.com/sum_sheets.html

<http://www.stn-international.com/clusters.html>



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Access STNNext with your existing STN ID and password,
from any browser, anywhere!

<https://stn.org>

STNNext[®]

The world's premier solution for scientific,
technical and IP research.

Start Session Now

STNNext: Interface

The screenshot shows the STNNext web interface. At the top left is the STNNext logo. Below it, the text 'Transcript ON' and '20191210_STNNext demo' is visible. The main content area displays a list of news items under the heading 'File HOME'. The news items include dates and titles such as 'Oct 23 INPADOC with more current and complete Japanese legal status information', 'Nov 19 German Patent Full-Text Database DEFULL enhanced', 'Nov 25 CAS FORMULATIONS (TM) Enhanced on STNnext', and 'Nov 25 PatentPak(R) now available in USPATFULL/USPAT2 on STNnext(R)'. There are also sections for 'NEWS HOURS' and 'NEWS PRICE'. Below the news items, there is a message: 'Access the latest version of STN. Log into STNnext with your STN login ID at: https://stn.org STNnext is updated frequently. To see the latest STNnext Release Notes, click https://www.stn.org/help/stnext/ReleaseNotes.htm'. At the bottom of the main content area, it says 'FILE 'HOME' ENTERED AT 14:34:05 ON 10 DEC 2019'. On the right side of the interface, there is a sidebar with 'My Files' and 'User' icons at the top. Below these are tabs for 'History', 'CAS Lexicon', and 'Data'. A 'Session' section shows 'Entered HOME' at '14:34:05 ON 10 DEC 2019'. At the bottom of the interface, there is a command line with '=> |enter command|', a 'Submit' button, and icons for 'Draw' and 'Scripts'. Five callout boxes with orange borders and lines pointing to specific interface elements provide the following descriptions: 'Manage transcripts' (pointing to the STNNext logo), 'Access items stored online (transcripts, structures, sequences, alerts, scripts)' (pointing to the 'My Files' icon), 'User settings' (pointing to the 'User' icon), 'Review session activity' (pointing to the 'Session' section), and 'Type and run STN commands' (pointing to the command line).

STNNext[®]

Transcript ON 20191210_STNNext demo

File HOME

NEWS 28 Oct 23 INPADOC with more current and complete Japanese legal status information

NEWS 29 Nov 19 German Patent Full-Text Database DEFULL enhanced

NEWS 30 Nov 25 CAS FORMULATIONS (TM) Enhanced on STNnext

NEWS 31 Nov 25 PatentPak(R) now available in USPATFULL/USPAT2 on STNnext(R)

NEWS HOURS STN Operating Hours

NEWS PRICE Jan 01, 2019 STN International Transactional Fees and Prices, Effective Jan 1, 2019

Access the latest version of STN.
Log into STNnext with your STN login ID at:
<https://stn.org>
STNnext is updated frequently. To see the latest STNnext Release Notes, click
<https://www.stn.org/help/stnext/ReleaseNotes.htm>

FILE 'HOME' ENTERED AT 14:34:05 ON 10 DEC 2019

=>

My Files User

History CAS Lexicon Data

Session

Entered HOME 14:34:05 ON 10 DEC 2019

Submit Draw Scripts

enter command

Manage transcripts

Access items stored online (transcripts, structures, sequences, alerts, scripts)

User settings

Review session activity

Type and run STN commands

STNNext: Interface

The screenshot displays the STNNext web interface. At the top left is the STNNext logo. Below it, the current session is identified as 'Transcript ON' and '20191210_STNNext demo'. A navigation bar includes 'My Files', 'User', 'History', 'CAS Lexicon', and 'Data'. A 'Session' panel shows the user entered 'HOME' at 14:34:05 on 10 DEC 2019. The main content area features a 'File HOME' section with a list of news items, including 'INPADOC with more current and complete Japanese legal status information' and 'German Patent Full-Text Database DEFULL enhanced'. Below the news is a 'NEWS HOURS' section for 'STN Operating Hours' and a 'NEWS PRICE' section for 'Jan 01, 2019 STN International Transactional Fees and Prices, Effective Jan 1, 2019'. A text block provides instructions on how to access the latest version of STN and log in. At the bottom, a command line shows 'FILE 'HOME' ENTERED AT 14:34:05 ON 10 DEC 2019' and a prompt '=>' followed by 'enter command'. A 'Structure Editor' window is open, showing three chemical structures: a carboxylic acid derivative, a sulfur atom bonded to two oxygens and a carbon, and another sulfur atom bonded to two oxygens and a carbon. The editor includes a toolbar with drawing tools and a 'Save & Upload' button.

Manage transcripts

Access items stored online (transcripts, structures, sequences, alerts, scripts)

User settings

Review session activity

STNNext®

Transcript ON 20191210_STNNext demo

My Files User

History CAS Lexicon Data

Session

Entered HOME 14:34:05 ON 10 DEC 2019

File HOME

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NEWS 29 Nov 19 German Patent Full-Text Database DEFULL enhanced

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FILE 'HOME' ENTERED AT 14:34:05 ON 10 DEC 2019

=>

Structure Editor

Draw or change atoms or bonds. Shortcut Keys

Attribute Values

Bond Type
Exact
Normalised
Exact / Normalised

Bond Value
Exact
Normalised
Exact / Normalised

Node Type
Exact
Normalised
Exact / Normalised

Generic Definition
Saturated / Unsaturated
Linear / Branched
Monocyclic / Polycyclic
1 hetero atom / 2+ hetero atoms
1-6 carbons / 7+ carbons

Match Level
Atom
Class
Any

Element Count Level
Lowest
Gibbs

Other Node Attributes
Mass
Valency
Hydrogen Count
Non-Hydrogen Count
Element Count

Formula is not available

View Previous Structures... Cancel Save Save & Upload

Submit Draw Scripts

enter command

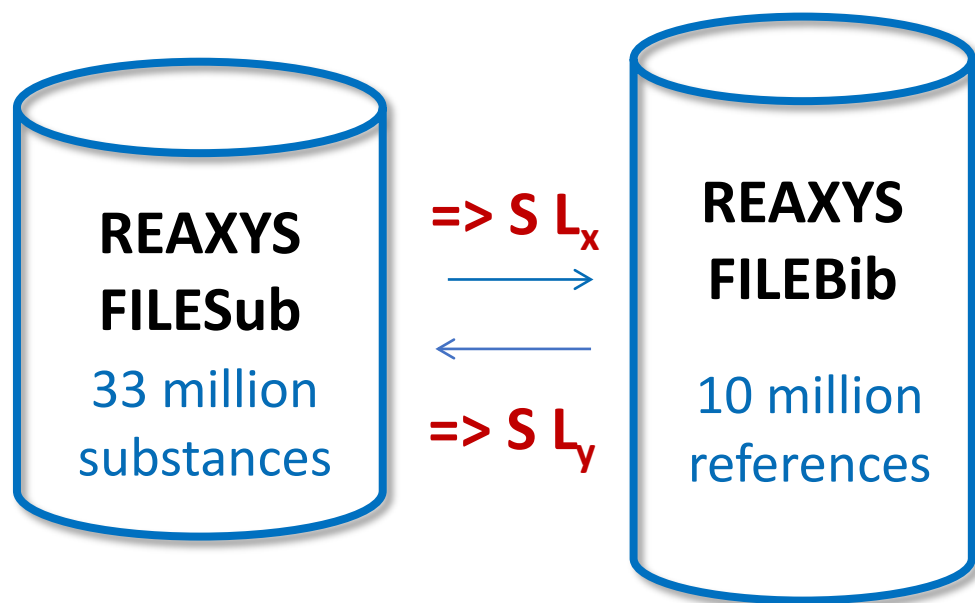
Type and run STN commands

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REAXYSFILE Databases on STNNext



- Powerful structure retrieval options including SAMPLE, FULL, BATCH
- Convenient crossfile searching from substances to biblio and vice versa
- Integrated display for bibliographic records including HIT structures
- Multifile searching with STN patent and bibliographic databases fully supported
- More than 2.1 million chemistry patent records (2/2021)
 - Substance data from >34 million substances
- Selected historical patent information from about 1803-1984
- 1984 – present: systematic patent coverage from 26 patent authorities

CAS FORMULATIONS

- Searchable with STNext® power and control for database subscribers
- Hybrid of bibliographic, substance, and brand-new formulation content
- Human-curated formulation data designed for precision searching
- Weekly updates

**Most complete and
comprehensive
formulation
source**

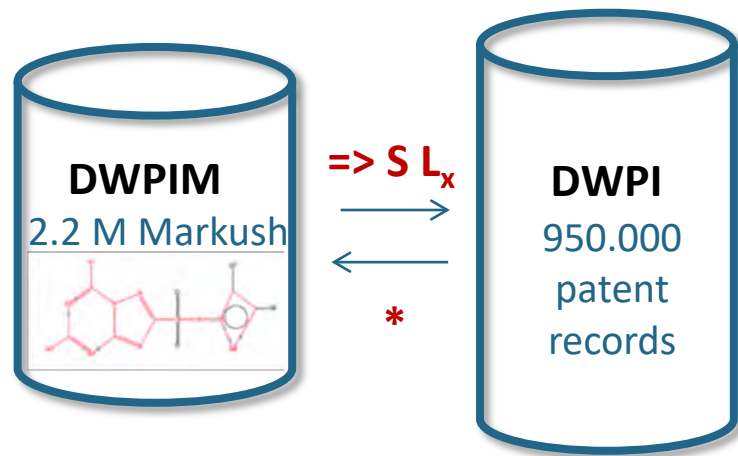
**Includes patents,
journals and
product inserts**

**Focus: Oral
medications,
herbicides,
insecticides,
flavors,
fragrances**

**Based on English,
French, German,
Japanese,
Chinese and
Korean
publications**

20+
years of back file
coverage

The Derwent Markush Resource (DWPIIM)



- Markush Indexing provided for DWPI records of Derwent sections B (pharma), C (agro) and E (chemistry)
- Powerful Markush retrieval solution including Derwent nodes
- Full integration in DWPI

* => TRA MCN /AN

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Incompletes? What incompletes?

- Search limits have been significantly and exclusively expanded in STNext
- Now, up to 100 million answers per file per session in all databases on STNext
- Structure-searchable files now allow up to 100 Million iterations per search
- These increases may reduce the need to run SAMPLE searches in structure searchable databases (SAMPLE searches before proceeding to FULL searches are still useful as a means to check structure queries)
- HELP LIMITS and HELP SLIMITS have been updated to reflect the expansion



Leverage the latest technology, instantly!

- Web-based interface requires no software installation or IT admin rights
- Instant access to new features, content, and enhancements
- Attractive, intuitive interface increases efficiency without sacrificing classic STN content, function, and capabilities

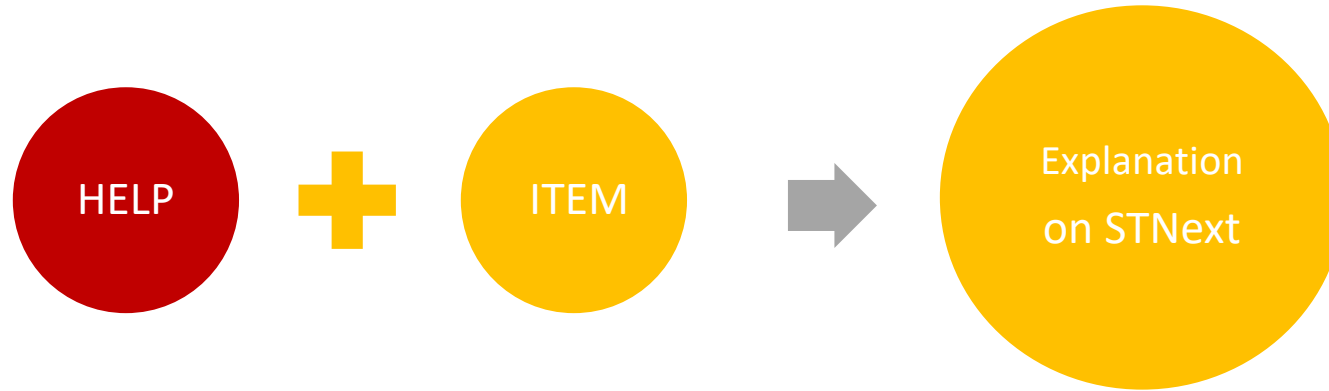


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Use HELP to receive information from the system



Specific HELP commands	Action
HELP DIR	Displays HELP messages available in the current file. Thus you get an overview of all available system helps.
HELP SFIELDS	Shows a table of database specific search field codes and its content description.
HELP DFIELDS	Displays a table of database specific display field codes and its content description.
HELP FORMAT	Shows a table of database specific display formats and the field content they contain.

STN Helpdesks can help



CAS
help@cas.org

Support:
www.cas.org



FIZ Karlsruhe
helpdesk@fiz-karlsruhe.de

Support:
www.stn-international.de

STNext: an exclusive platform by a dedicated team

Documentation

Up-to-date material
Cost-free documents
Introductory topics
Specific questions.

Workshops/e-Seminars

Novice and expert users
Anywhere
Any time.

Helpdesk

A team of scientists and experts
Reliable and professional advice
Per mail or telephone
(+49) 7247 808555
helpdesk@fiz-Karlsruhe.de

Search Service

All types of searches
High transparency
Strictly confidential
searchservice@fiz-Karlsruhe.de



Questions? Feedback?



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CAS help@cas.org
www.cas.org

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