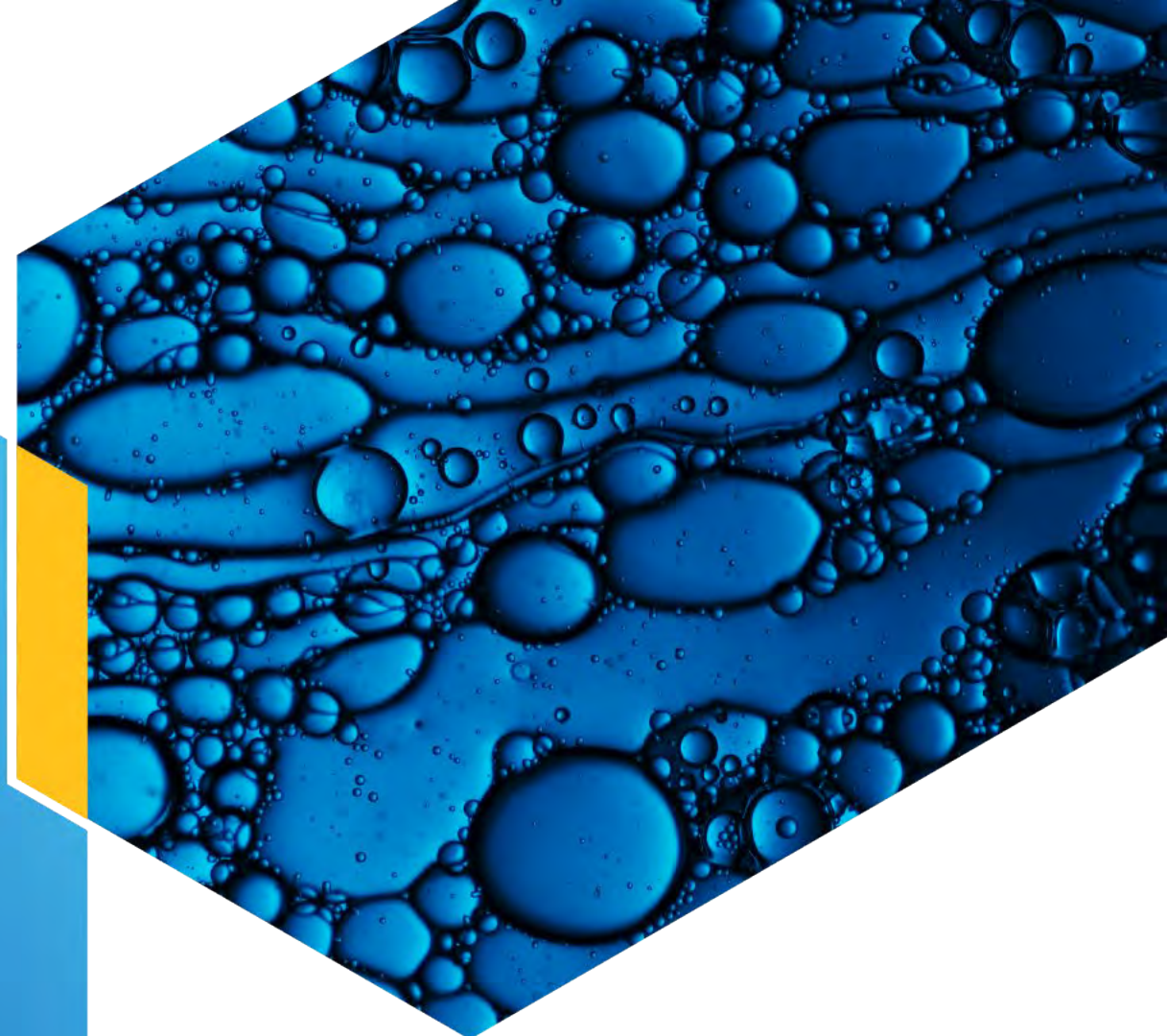


STN Coffee Lecture
Who Wrote That?
**Part 1 - Searching for
Authors on STNNext**



Searching for Authors on STNNext

– (A) Author Name Searching

- On STN, **author names are inverted**, i.e. the last name is first, followed by the first name, initials, etc.) and must be searched in this format
- the **exact form of entry of the name may vary** and strongly depends on the database producer

– (B) Unique Author Identifiers

- Unique **alphanumeric codes** to recognize a particular author's contributions to the scientific literature or publications
- e.g. ORCID, Scopus Author Identifier (Elsevier), ResearcherID (Clarivate)

Searching for Author Names – A challenging task of its own

Possible input formats for 'Jan Cornelis Maria van Hest'	CAPLUS	SCISEARCH	COMPENDEX	BIOSIS	INPADOC	WPINDEX
van Hest Jan	39	33	2	26	7	0
van Hest Jan C	29	5	0	5	0	0
van Hest Jan C M	355	287	187	136	2	0
van Hest Jan Cornelis Maria	12	0	0	5	47	0
van Hest J C M	23	58	49	21	0	13
van Hest J?	489	403	202	201	57	18

Please note the exact form of entry of the name may vary, depending on how the author is cited in a particular publication and if database producers enhance or standardize author names depending on their indexing practices. Consider using the EXPAND command to validate how a name is entered in the database before searching.



Searching for Author Names

Verify how the author name is entered in the database with EXPAND

Search for publications by the author Robert Samuel Langer, Jr.

=> FIL HCAPLUS

=> E LANGER R/AU

E1	10	LANGER PHILIPPE/AU
E2	1	LANGER PIOTR/AU
E3	312 -->	LANGER R/AU
E4	10	LANGER R D/AU
E5	1	LANGER R E/AU
E6	8	LANGER R H M/AU
E7	1	LANGER R K/AU
E8	43	LANGER R M/AU
E9	8	LANGER R S/AU
E10	1	LANGER R W/AU
E11	1	LANGER RADOSLAV/AU
E12	4	LANGER RAFAEL/AU

Use the **EXPAND** command to verify how the author name is entered in the database CAPLUS.

Author names are searched in the **Author Name Field (AU)**. This is used in conjunction with the EXPAND or SEARCH command to review or retrieve information for the term entered. For patent files such as CAPLUS, the Author Name Field (AU) also includes inventor names from patents.

Please note again author names are entered in an inverted format and must be searched in this format. The last name is listed first, followed by the first name or initial, and then the middle name(s) and/or initials.



Searching for Author Names

Verify how the author name is entered in the database with EXPAND

```
=> FIL HCAPLUS
```

```
=> E LANGER R/AU
```

```
E1      10      LANGER PHILIPPE/AU
E2       1      LANGER PIOTR/AU
E3      312 --> LANGER R/AU
E4      10      LANGER R D/AU
E5       1      LANGER R E/AU
E6       8      LANGER R H M/AU
E7       1      LANGER R K/AU
E8      43      LANGER R M/AU
E9       8      LANGER R S/AU
E10     1      LANGER R W/AU
E11     1      LANGER RADOSLAV/AU
E12     4      LANGER RAFAEL/AU
```

```
=> E
```

```
...
E29      1      LANGER RITA/AU
E30      2      LANGER ROBER S/AU
E31     1685    LANGER ROBERT/AU
E32      2      LANGER ROBERT A/AU
E33     32      LANGER ROBERT D/AU
E34      4      LANGER ROBERT H/AU
E35      2      LANGER ROBERT J/AU
E36     12      LANGER ROBERT M/AU
```

```
=> E
```

```
...
E37     491    LANGER ROBERT S/AU
E38     13     LANGER ROBERT S JR/AU
E39     10     LANGER ROBERT SAMUEL/AU
E40      1     LANGER ROBERT SAMUEL JR/AU
E41      2     LANGER ROBERTS S/AU
E42      1     LANGER ROGER/AU
```

Continue to expand on the author name by typing **E** and pressing ENTER.

The advantage of generating expanded lists, prior to conducting the search, is that you can explore all variations of the author's name in the database.

Searching for Author Names

Verify how the author name is entered in the database with EXPAND

=> S E3 OR E9 OR E30-31 OR E37-40

L1 2520 "LANGER R"/AU OR "LANGER R S"/AU OR ("LANGER ROBER S"/AU OR "LANGER ROBERT"/AU) OR ("LANGER ROBERT S"/AU OR "LANGER ROBERT S JR"/AU OR "LANGER ROBERT SAMUEL"/AU OR "LANGER ROBERT SAMUEL JR"/AU)

=> S LANGER R?/AU AND (DRUG DELIVERY SYSTEMS+NT OR PHARMACEUTICAL NANOPARTICLES+NT OR ENCAPSULATION+NT OR PHARMACEUTICAL DOSAGE FORMS+NT)/CT

L2 1038 LANGER R?/AU AND (DRUG DELIVERY SYSTEMS+NT OR PHARMACEUTICAL NANOPARTICLES+NT OR ENCAPSULATION+NT OR PHARMACEUTICAL DOSAGE FORMS+NT)/CT

Either use relevant **E numbers** that correspond to the acceptable author name for searching or ...

... create a query that uses the author name and an **appropriate truncation**. Make sure to refine the search with suitable keywords to increase search precision then.

Searching for Author Names

Verify how the author name is entered in the database with EXPAND

Search for publications by the author 'Hans Jürgen Wörle'

=> **FIL HCAPLUS**

=> **E WOERLE H/AU**

E1	1	WOERLE GEORG KARL/AU
E2	3	WOERLE GERT/AU
E3	0	--> WOERLE H/AU
E4	47	WOERLE H J/AU
E5	1	WOERLE HAN JUERGEN/AU
E6	73	WOERLE HANS J/AU
E7	1	WOERLE HANS JUERGAN/AU
E8	67	WOERLE HANS JUERGEN/AU
E9	2	WOERLE HANS JURGEN/AU
E10	1	WOERLE HENDRI K/AU
E11	3	WOERLE HI LDEGARD/AU
E12	1	WOERLE I NGRID/AU

For person names containing an umlaut the convention is to transliterate ä, ö, or ü into ae, oe, or ue, respectively. Use the EXPAND command again to explore all variations an author's name in the given database

!

Searching for Author Names

Verify how the author name is entered in the database with EXPAND

=> SET EXPAND CONTINUOUS PERM

=> E WORLE H/AU

E13	1	WORLE DITER/AU
E14	1	WORLE GERHARD/AU
E15	0 -->	WORLE H/AU
E16	1	WORLE H A/AU
E17	2	WORLE HANS JURGEN/AU
E18	1	WORLE HELMUT A/AU
E19	1	WORLE J/AU
E20	1	WORLE JASMIN/AU
E21	1	WORLE JORG MANFRED/AU
E22	1	WORLE JUDITH/AU
E23	4	WORLE M/AU
E24	5	WORLE MARIE/AU

=> S E4-E9 OR E17

L2 193 ("WOERLE H J"/AU OR "WOERLE HAN JUERGEN"/AU OR "WOERLE HANS J"/AU OR "WOERLE HANS JUERGAN"/AU OR "WOERLE HANS JUERGEN"/AU OR ...

Please note the convention to transliterate 'ö' to 'oe', etc. is not always adhered to outside German-speaking countries, consider also searching the name 'Wörle' written as 'Worle'.



For searching terms from different expand lists using E-numbers change EXPAND numbering to a continuous presentation rather than have it begin renumbering when expanding on a new term (=> SET EXPAND CONTINUOUS)

Finally, conduct the search using the pertinent E-number list.

Useful strategies for conducting Author Name searches

For PERSON names	Author	Tip	Search Example
with internal punctuation (apostrophes, hyphens)	O'Connor	EXPAND with and without internal punctuation	OConnor/AU O'Connor/AU O Connor/AU
with internal spaces	La Bombard	EXPAND on both variations, with and without spaces	La Bombard/AU LaBombard/AU
where there might be confusion about the surname	Bing Chen	EXPAND on both ways	Chen B/AU Bing C/AU
where the names are transliterated from a different alphabet	'Дубровский'	EXPAND with alternative spellings	Dubrovsky/AU Dubrovski/AU Dubrowsky/AU Dubrowski/AU

Searching for Authors on STNext

Author identifiers for precise author searching on STNext

Search for publications by the author Kenji Watanabe

=> **FIL COMPENDEX**

=> **S 0000-0003-3701-8119/AUID**

L1 304 0000-0003-3701-8119/AUID

=> **D MAX**

L1 ANSWER X OF 304 COMPENDEX COPYRIGHT 2021 EEI on STN.

TI Nanomaging of Low-Loss Plasmonic Waveguide Modes in a Gra

AU Zhao Wenyu(1); Li Hongyuan(1, 2, 3); Xiao Xiao(1, 4); Jiang Y
Alex(1, 3, 5); Wang Feng(1, 3, 5); **Watanabe Kenji** (6); Taniguchi Takashi (7)

AUID ORCID: <https://orcid.org/0000-0001-5740-5613> (Zhao Wenyu); ...

ORCID: <https://orcid.org/0000-0003-3701-8119> (Watanabe Kenji)

L1 ANSWER X OF 304 COMPENDEX COPYRIGHT 2021 EEI on STN.

TI One-dimensional edge contact to encapsulated MoS₂ with a superconductor

AU Seredinski A. (1, 2); Arnault E. G. (2); Zhao L. (2); Larson T. F. Q. (2);

Finkelstein G. (2); Costa V. Z. (3); Newaz A. K. M. (3); **Watanabe K.** (4); ...

AUID ORCID: <https://orcid.org/0000-0002-5463-6392> (Seredinski A.); ...

ORCID: <https://orcid.org/0000-0003-3701-8119> (Watanabe K.)

ORCID identifiers provide means to unambiguously identify a particular author, even authors who have published under different names.

On STN, ORCID identifiers can be searched in COMPENDEX, EMBASE, and MEDLINE.

Author identifiers are searchable in the **AUID** field. Records which include the AUID field can be found using **AUID/FA**. The field is available in a predefined format **MAX**.

Key takeaways

- Inconsistent use of person name initials, name changes, cultural differences in name order and different writing systems make author searching a challenging task
- Use the EXPAND command to verify how the author name is entered in a specific database before searching
- When using truncations to account for different name variations, combine the search with suitable keywords describing their scholarly field or the institution they are working for
- Alternatively, the unique ORCID identifier might be used in a variety of STN databases

Feedback, comments and questions to:

CAS

help@cas.org
www.cas.org

FIZ Karlsruhe

helpdesk@fiz-karlsruhe.de
www.stn-international.de



Sebastian Brauch

sebastian.brauch@fiz-karlsruhe.de