

# DEMO

## European XFEL Publication Database (TIND)

Laura Outterside, *Records Manager*  
Kurt Ament, *Editor*

Virtual Staff Meeting  
2 July 2020



## OVERVIEW

- Introduction
- Homepage
- Collections
- Facets
- HTML export
- Website

**xfel.tind.io**

Please don't log in yet!

Single sign-on is coming soon.

# INTRODUCTION

## Database online since 2016

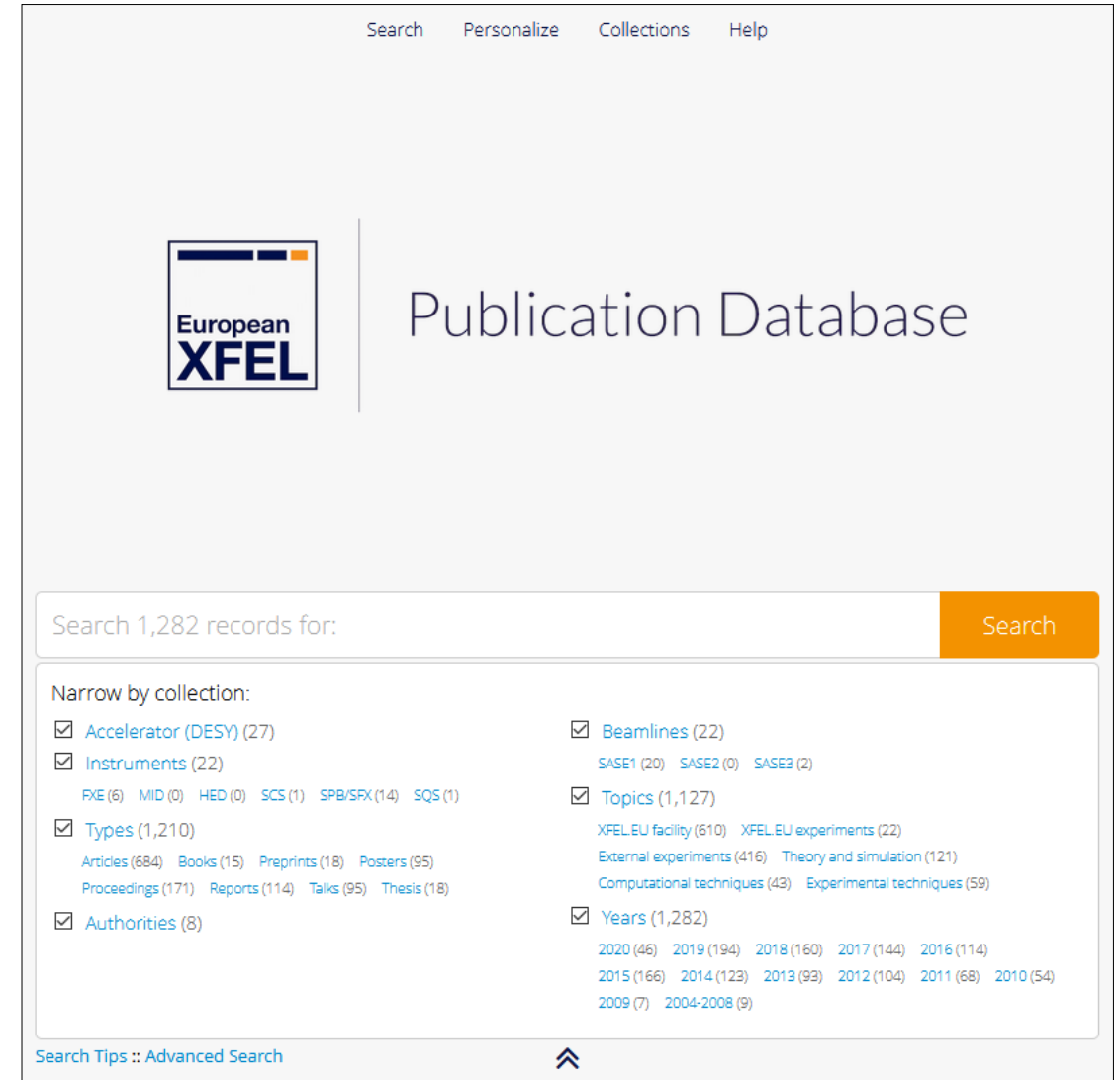
Publications from 2009–2020

## Almost 1300 total records


Almost 700 journal articles

## Content types

- Articles (peer-reviewed journals)
- Books (or book chapters)
- Preprints
- Posters
- Proceedings
- Reports
- Talks
- Theses




Search Personalize Collections Help

 Publication Database

Search 1,282 records for:

Narrow by collection:

- Accelerator (DESY) (27)
- Instruments (22)
  - [FXE \(6\)](#) [MID \(0\)](#) [HED \(0\)](#) [SCS \(1\)](#) [SPB/SFX \(14\)](#) [SQS \(1\)](#)
- Types (1,210)
  - [Articles \(684\)](#) [Books \(15\)](#) [Preprints \(18\)](#) [Posters \(95\)](#)
  - [Proceedings \(171\)](#) [Reports \(114\)](#) [Talks \(95\)](#) [Thesis \(18\)](#)
- Authorities (8)
- Beamlines (22)
  - [SASE1 \(20\)](#) [SASE2 \(0\)](#) [SASE3 \(2\)](#)
- Topics (1,127)
  - [XFEL.EU facility \(610\)](#) [XFEL.EU experiments \(22\)](#)
  - [External experiments \(416\)](#) [Theory and simulation \(121\)](#)
  - [Computational techniques \(43\)](#) [Experimental techniques \(59\)](#)
- Years (1,282)
  - [2020 \(46\)](#) [2019 \(194\)](#) [2018 \(160\)](#) [2017 \(144\)](#) [2016 \(114\)](#)
  - [2015 \(166\)](#) [2014 \(123\)](#) [2013 \(93\)](#) [2012 \(104\)](#) [2011 \(68\)](#) [2010 \(54\)](#)
  - [2009 \(7\)](#) [2004-2008 \(9\)](#)

Search Tips :: [Advanced Search](#) 

# HOMEPAGE

## Keywords, collections, results

### 1 Keywords

Enter any keyword (e.g. author, title, DOI)

### 2 Collections

Select collection (e.g. year) from dropdown

### 3 Results

See real-time publication lists (e.g. 2020)

<https://xfel.tind.io/>

The screenshot displays the European XFEL Publication Database interface. At the top left is the European XFEL logo. The main heading is "Publication Database". Below this is a search bar containing "Search 1,777 records for:" and a "Search" button. A "Narrow by collection:" section is visible, with several categories checked: Accelerator (DESY) (27), Instruments (18), Types (1,196), Authorities (514), Beamlines (18), Topics (1,116), and Years (1,271). The "Years" section is expanded to show a list of years from 2020 to 2010, with 2020 selected. Below the search bar, a list of results for the year 2020 is shown. The first result is "Laser-induced metastable mixed phase of AuNi nanoparticles: a coherent X-ray diffraction imaging study" by Kim, Yoonhee; Kim, Chan; Ahn, Kangwoo; Choi, Jungwon, published in the Journal of Synchrotron Radiation, 27 (3), 725-729 (2020). The second result is "Transition Metal-centered Valence Tautomeric Complexes: X-Ray and Optical Studies" by Rogalins, Julia Katharina.

# COLLECTIONS

Virtual collections in top menu

## 1 Menu

Collections menu at top of every page

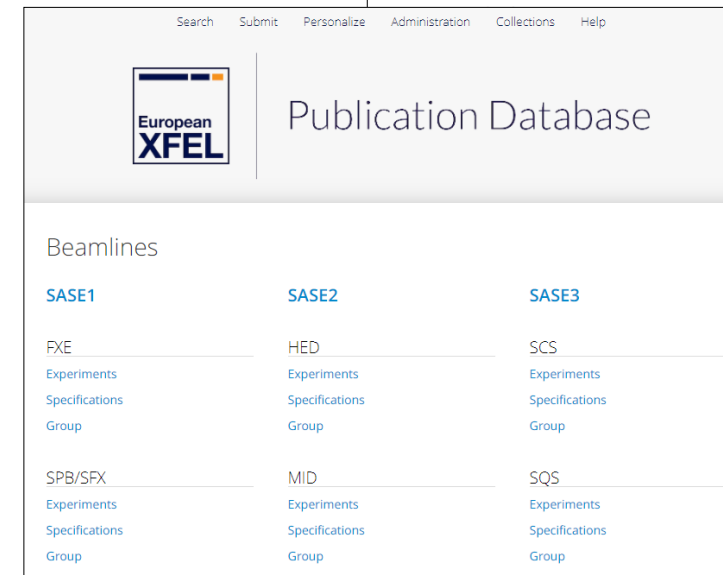
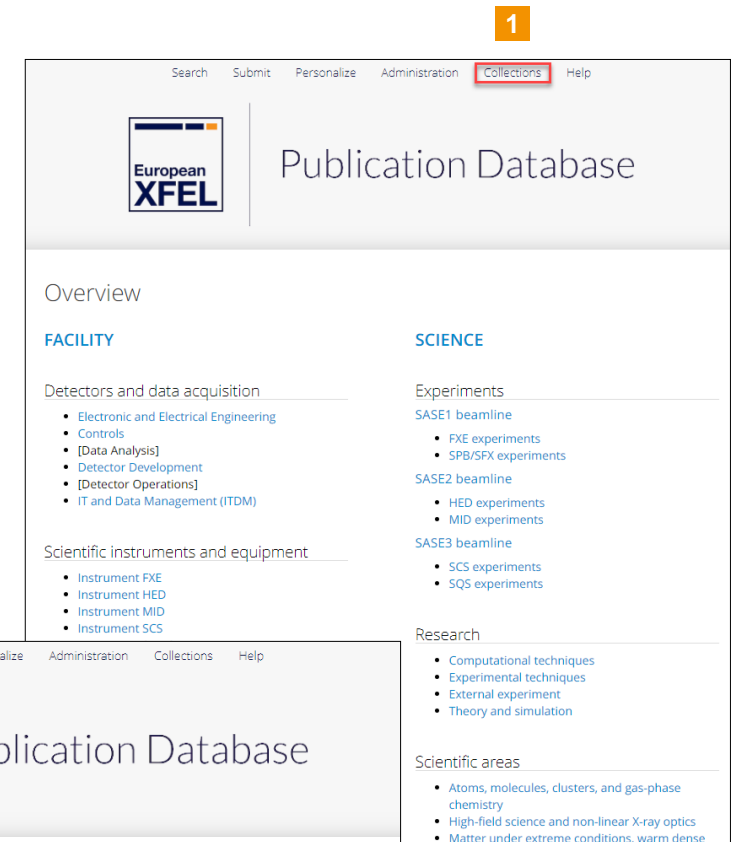
## 2 Overview

Collection lists all user and staff publications organized by group, topic, and scientific area

## 3 Beamlines

Collection lists instrument publications:

- (a) About user experiments at instrument
- (b) About scientific instrument itself
- (c) By instrument group members



# FACETS

## Browse or refine search results

### Refine results by

- Topic
- Year
- Affiliation
- Contributor

### Combine results

- Publications in 2019
- Articles only
- User publications only

Search 1,792 records for:

Search

Search Tips :: [Advanced Search](#)

Options ▼

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Topics:

SPB/SFX experi... 5

Years:

2019 5

Types:

Articles 5

Affiliations:

EuXFEL staff 5

EuXFEL user 5

Other 2

EuXFEL guest 1

Contributors:

Instrument SP... 5

Control and An... 2

Detector Devel... 2

IT and Data Ma... 2

Optical Lasers 2

Instrument HED 1

Sample Enviro... 1

[show all](#)

5 records found

[Evaluation of serial crystallographic structure determination within megahertz pulse trains](#) pdf

Yefanov, Oleksandr ; Oberthür, Dominik ; Bean, Richard ; Wiedorn, Max O.[...]

Structural Dynamics, 6, 064702 (2019)

10.1063/1.5124387 | [Edit Bib Record](#)

[Time-resolved serial femtosecond crystallography at the European XFEL](#) pdf

Pandey, Suraj ; Bean, Richard ; Sato, Tokushi ; Poudyal, Ishwor[...]

Nature Methods, 2019 (2019)

10.1038/s41592-019-0628-z | [Edit Bib Record](#)

[Membrane protein megahertz crystallography at the European XFEL](#) pdf

Gisriel, Chris ; Coe, Jesse ; Letrun, Romain ; Yefanov, Oleksandr M.[...]

Nature Communications, 10 (1), 5021 (2019)

10.1038/s41467-019-12955-3 | [Edit Bib Record](#)

[MHz data collection of a microcrystalline mixture of different jack bean proteins](#) pdf

Grünbein, Marie Luise ; Bielecki, Johan ; Gorel, Alexander ; Stricker, Miriam[...]

Scientific Data, 6 (1), 18 (2019)

[Edit Bib Record](#)

[Initial observations of the femtosecond timing jitter at the European XFEL](#) pdf

Kirkwood, Henry J. ; Letrun, Romain ; Tanikawa, Takanori ; Liu, Jia[...]

Optics Letters, 44 (7), 1650-1653 (2019)

10.1364/OL.44.001650 | [Edit Bib Record](#)

Add to basket
  Edit in record editor

Export as ▼

# HTML EXPORT

## Export search results to HTML

### 2 Mouse click

Click **Export As > HTML** at bottom of page

### 2 HTML output

Get formatted HTML that can be used anywhere (e.g. website, Word file, email)

2

2019

Journal Article (2019)  
[Evaluation of serial crystallographic structure determination within megahertz pulse trains](#)  
 O. Yefanov, D. Oberthür, R. Bean, M.O. Wiedorn, J. Knoska, G. P. Gevorkov, T.A. White, A. Tolstikova, P. Villanueva-Perez, C. Seur-Trebbin, F.R.N.C. Maia, F. Cruz-Mazo, A.M. Gañán-Calvo, M. He Vagovic, T. Kluyver, M. Bergemann, H. Fangohr, J. Sztuk-Dambie  
 Struct. Dyn. **6**, 064702 (2019)  
[doi:10.1063/1.5124387](https://doi.org/10.1063/1.5124387)

Journal Article (2019)  
[Time-resolved serial femtosecond crystallography at the European XFEL](#)  
 S. Pandey, R. Bean, T. Sato, I. Poudyal, J. Bielecki, J. Cruz Villarr, Echelmeier, D. Doppler, M. Emons, M. Frank, R. Fromme, Y. Gev Letrun, S. Lisova, L. Maia, V. Mazalova, D. Meza, T. Michelat, A. H.N. Chapman, A. Ros, A. Barty, P. Fromme, A.P. Mancuso, M. S  
 Nat. Methods **2019**, (2019)  
[doi:10.1038/s41592-019-0628-z](https://doi.org/10.1038/s41592-019-0628-z)


Journal Article (2019)  
[Membrane protein megahertz crystallography at the European XFEL](#)  
 C. Gisriel, J. Coe, R. Letrun, O.M. Yefanov, C. Luna-Chavez, N.E. Villarreal, M.S. Hunter, M.O. Wiedorn, J. Knoska, V. Mazalova, S. Al-Qudami, S. Bajt, G. Brehm, S. Botha, D. Boukhelef, S. Brockh Gevorkov, S. Hauf, A. Hosseinzadeh, F. Januschek, G.K. Ketawal Sarrou, S. Schön, P. Schwander, M.L. Shelby, A. Silenzi, J. Sztuk-H.N. Chapman, A. Barty, R.A. Kirian, M. Frank, A. Ros, M. Schm  
 Nat. Commun. **10** (1), 5021 (2019)  
[doi:10.1038/s41467-019-12955-3](https://doi.org/10.1038/s41467-019-12955-3)


Journal Article (2019)  
[MHz data collection of a microcrystalline mixture of different jack bean proteins](#)  
 M.L. Grünbein, J. Bielecki, A. Gorel, M. Stricker, R. Bean, M. Cammarata, K. Dörner, L. Fröhlich, E. Hartmann, S. Hauf, M. Hilpert, Y. Kim, M. Kloos, R. Letrun, M. Messerschmidt, G. Mills, G. Nass Kovacs, M. Ramilli, C.M. Roome, T. Sato, M. Scholz, M. Sliwa, J. Sztuk-Dambietz, M. Weik, B. Weinhausen, N. Al-Qudami, D. Boukhelef, S. Brockhauser, W. Ehsan, M. Emons, S. Esenov, H. Fangohr, A. Kaukher, T. Kluyver, M. Lederer, L. Maia, M. Manetti, T. Michelat, A. Münnich, F. Pallas, G. Palmer, G. Previtali, N. Raab, A. Silenzi, J. Szuba, S. Venkatesan, K. Wrona, J. Zhu, R.B. Doak, R.L. Shoeman, L. Foucar, P. Jacques-Colletier, A.P. Mancuso, T.R.M. Barends, C.A. Stan, I. Schlichting  
 Sci. Data **6** (1), 18 (2019)


Journal Article (2019)  
[Initial observations of the femtosecond timing jitter at the European XFEL](#)  
 H.J. Kirkwood, R. Letrun, T. Tanikawa, J. Liu, M. Nakatsutsumi, M. Emons, T. Jezynski, G. Palmer, M. Lederer, R. Bean, J. Buck, S. Di Dio Cafisio, R. Graceffa, J. Grünert, S. Göde, H. Höppner, Y. Kim, Z. Konopkova, G. Mills, M. Makita, A. Pelka, T.R. Preston, M. Sikorski, C.M.S. Takem, K. Giewekemeyer, M. Chollet, P. Vagovic, H.N. Chapman, A.P. Mancuso, T. Sato  
 Opt. Lett. **44** (7), 1650–1653 (2019)  
[doi:10.1364/OL.44.001650](https://doi.org/10.1364/OL.44.001650)


2019


5 records found

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[10.1063/1.5124387](https://doi.org/10.1063/1.5124387)


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 [MHz data collection of a microcrystalline mixture of different jack bean proteins](#)  
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[10.1364/OL.44.001650](https://doi.org/10.1364/OL.44.001650)

Add to basket

Export as ▾  
 HTML 

1

# WEBSITE

## Lists publications automatically

### 1 Automatic lists

Dropdowns separate annual publications by type (articles, books, preprints, posters, proceedings, reports, talks, theses)

### 2 Formatted output

To expand a dropdown, click the plus sign (+).  
Lists are formatted HTML exports.

Send us your publications (DOIs, PDFs):

[tind@xfel.eu](mailto:tind@xfel.eu)

1

The screenshot shows the European XFEL website interface. At the top, there are navigation links for VISITORS, CONTACTS, CAREERS, UPEX, EN, and a search icon. Below this is a main navigation bar with categories: FACILITY, ORGANIZATION, SCIENCE (highlighted), and NEWS AND EVENTS. A secondary navigation bar shows various scientific scopes: Scope, Health and biology, Energy, Catalytic processes, Information technology, Technology transfer, and Publications (highlighted). A dropdown menu for the year 2020 is open, showing a list of publication types: Articles (15), Posters (15), Reports (1), and Theses (1), each with a plus sign (+) to its right. A breadcrumb trail indicates the path: Home > Science > Publications > 2020.

2

The screenshot shows the formatted HTML output for a journal article. The title is "Articles (15)" with a plus sign (+) to its right. Below the title, the text reads: "Journal Article (2020)" followed by the article title "Attosecond pulse shaping using a seeded free-electron laser" in orange. The authors listed are P.K. Maroju, C. Grazioli, M. Di Fraia, M. Moioli, D. Ertel, H. Ahmadi, O. Plekan, P. Finetti, E. Allaria, L. Giannessi, G. De Ninno, C. Spezzani, G. Penco, S. Spampinati, A. Demidovich, M.B. Danailov, R. Borghes, G. Kourousias, C.E. Sanches Dos Reis, F. Billé, A.A. Lutman, R.J. Squibb, R. Felfel, P. Carpeggiani, M. Reduzzi, T. Mazza, M. Meyer, S. Bengtsson, N. Ibrakovic, E.R. Simpson, J. Mauritsson, T. Csizmadia, M. Dumergue, S. Kühn, H. Nandiga Gopalakrishna, D. You, K. Ueda, M. Labeye, J.E. Bækhoj, K.J. Schafer, E.V. Gryzlova, A.N. Grum-Grzhimailo, K.C. Prince, C. Callegari, G. Sansone. The journal information is "Nature 2020, 1–6 (2020)" and the DOI is "doi:10.1038/s41586-020-2005-6".



## SUBMISSIONS (preview)

Input your own publication in two minutes

### 1 Enter record ID

Paste the DOI, arXiv, INSPIRE, or local ID of the publication you want to add to the database (e.g. journal article)

### 2 Click Import

If the record ID is valid, the database indicates that automatic field completion is possible

### 3 Database imports metadata

Database imports metadata from the record created by publisher (e.g. Nature) into the database record

#### Submit New Record

Journal article Submit New Record page: 1 SUMMARY(2)

**Import record**  
You can use this field to import and/or link to external or internal records. Syntax: arxiv:1234.1234, doi:10.1234/1234, inspire:12345, local:123456.

doi:10.1038/s41467-019-12955-3 **1**

doi: autocompletion possible **2**

Import

**Title\***  
Type the complete publication title. Use LaTeX notation for special characters.

#### Submit New Record

Journal article Submit New Record page: 1 SUMMARY(2)

**Import record**  
You can use this field to import and/or link to external or internal records. Syntax: arxiv:1234.1234, doi:10.1234/1234, inspire:12345, local:123456.

doi:10.1038/s41467-019-12955-3

doi: autocompletion possible

Import

**Title\***  
Type the complete publication title. Use LaTeX notation for special characters.

Membrane protein megahertz crystallography at the European XFEL **3**

**Author(s)\***  
Type the names of all authors and co-authors. Use one line for each author or co-author. Syntax: Doe, J. H.

Gisriel, Chris  
Coe, Jesse  
Letrun, Romain  
Yefanov, Oleksandr M.  
Luna-Chavez, Cesar