



dblp

computer science bibliography

Conferences and Workshops in the dblp Knowledge Graph

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May 7, 2025



What is dblp? (1/4)

<https://dblp.org>

EST.
1993



dblp
computer science bibliography

a service of  **SCHLOSS DAGSTUHL**
Leibniz Center for Informatics

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[+] **Publication search results** ⬇

found 6,749 matches

2022

■     Yang Yang, Hongchen Wei, Zhen-Qiang Sun, Guang-Yu Li, Yuanchun Zhou, Hui Xiong, Jian Yang:
S2OSC: A H
Classificati
(2022)

2021

■     Matthias T.
Knowledge-Driven Harmonization of Sensor Observations:
Exploiting Linked Open Data for IoT Data Streams. Karlsruhe
Institute of Technology, Germany, KIT Scientific Publishing 2021

[+] **Refine list**



1962 2022 900

refine by author

Sören Auer (19)
Sebastian Neumaier (18)
Silvio Peroni (18)
18,978 more options

Open indexing service and **scholarly search engine** for
7.8+ million computer science publications



What is dblp? (2/4)

[+] Silvio Peroni     

> Home > Persons

 by year  Dagstuhl

[+] Person information

- *affiliation:* University of Bologna, Department of Classical Philology and Italian Studies,
- *affiliation:* OpenCitations.net

[+] 2020 – today

2021

- [j29]    Ivan Heibi , Silvio Peroni :
A qualitative and quantitative analysis of open citations to retracted articles: the Wakefield 1998 et al.'s case. *Scientometrics* 126(10): 8433-8470 (2021)
- [c82]    Zeyd Boukhers, Philipp Mayr, Silvio Peroni:
BiblioDAP'21: The 1st Workshop on Bibliographic Data Analysis and Processing. *KDD* 2021: 4110-4111
- [i25]    Federica Bologna, Angelo Di Iorio, Silvio Peroni, Francesco Poggi:
Do open citations inform the qualitative peer-review evaluation in research assessments? An analysis of the Italian National Scientific Qualification. *CoRR* abs/2103.07942 (2021)
- [i24]    Federica Bologna, Angelo Di Iorio, Silvio Peroni, Francesco Poggi:
Can we assess research using open scientific knowledge graphs? A case study within the Italian National Scientific Qualification. *CoRR* abs/2105.08599 (2021)

Curated bibliographies
for **3.7+ million**
authors and editors



refine by search term

refine by type

- ☒ Journal Articles (only)
- ☒ Conference and Workshop Papers (only)
- ☒ Parts in Books or Collections (only)
- ☒ Editorship (only)
- ☒ Informal Publications (only)

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refine by coauthor

Fabio Vitali (63)
Angelo Di Iorio (35)
David M. Shotton (34)
Andrea Giovanni Nuzzolese (31)

What is dblp? (3/4)


[+] [-] ACM Conference on Human Factors in Computing Systems (CHI)

> Home > Conferences and Workshops

 Trier 2





[-] Description





The **ACM Conference on Human Factors in Computing Systems (CHI)** series of academic conferences is generally considered the most prestigious in the field of human-computer interaction and is one of the top-ranked conferences in computer science. It is hosted by ACM SIGCHI, the Special Interest Group on computer-human interaction. CHI has been held annually since 1982 and attracts thousands of international attendees. CHI 2020, which was originally planned to take place on April, was cancelled due to COVID-19, and CHI 2021 will be held online as a virtual conference chaired by Yoshifumi Kitamura and Aaron Quigley. CHI 2021 "making waves, combining strengths" was originally scheduled to take place in Yokohama.

 read full information at Wikipedia

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CHI 2021: Virtual Event / Yokohama, Japan

    Yoshifumi Kitamura, Aaron Quigley, Katherine Isbister, Takeo Igarashi, Pernille Bjørn, Steven Mark Drucker:
CHI '21: CHI Conference on Human Factors in Computing Systems, Virtual Event / Yokohama, Japan, May 8-13, 2021. ACM 2021, ISBN 978-1-4503-8096-6 [contents] ■ 7.6

    Yoshifumi Kitamura, Aaron Quigley, Katherine Isbister, Takeo Igarashi:
CHI '21: CHI Conference on Human Factors in Computing Systems, Virtual Event / Yokohama Japan, May 8-13, 2021, Extended Abstracts. ACM 2021, ISBN 978-1-4503-8095-9 [contents] ■ 5.9

[-] Venue statistics

records by year



frequent topics

design interact interfac social system
user visual

(currently stemmed word rumps only)

frequent authors

- Stephen A. Brewster (109)
- Hiroshi Ishii ⁰⁰⁰¹ (101)
- Patrick Olivier (98)
- Florian 'Floyd' Mueller (95)
- Albrecht Schmidt ⁰⁰⁰¹ (87)
- Patrick Baudisch (86)

**Open directory of
1,800+ computer
science journals and
6,900+ conference
and workshop series**




What is dblp? (4/4)

Open data APIs and
full dump download
of all of dblp's data
for unrestricted reuse
under **CCO license**




```


<rdf:RDF>
  <dblp:Person rdf:about="https://dblp.org/pid/48/1099">
    <rdf:type rdf:resource="https://dblp.org/rdf/schema#Creator"/>
    <owl:sameAs rdf:resource="https://orcid.org/0000-0003-0530-4305"/>
    <owl:sameAs rdf:resource="https://www.wikidata.org/entity/Q30536251"/>
    <owl:sameAs rdf:resource="https://id.loc.gov/authorities/names/no2014111866"/>
    <owl:sameAs rdf:resource="https://d-nb.info/gnd/105432011X"/>
    <rdfs:label>Silvio Peroni</rdfs:label>
    <dblp:orcid rdf:resource="https://orcid.org/0000-0003-0530-4305"/>
    <dblp:wikidata rdf:resource="https://www.wikidata.org/en
+<datacite:hasIdentifier></datacite:hasIdentifier>
+<datacite:hasIdentifier></datacite:hasIdentifier>
+<datacite:hasIdentifier></datacite:hasIdentifier>
+<datacite:hasIdentifier></datacite:hasIdentifier>
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+<datacite:hasIdentifier></datacite:hasIdentifier>
+<datacite:hasIdentifier></datacite:hasIdentifier>
-<datacite:hasIdentifier>
  <datacite:Identifier>
    <datacite:usesIdentifierScheme rdf:resource="http://
    <litre:hasLiteralValue>105432011X</litre:hasLiteral
  </datacite:Identifier>
</datacite:hasIdentifier>
<dblp:primaryFullCreatorName>Silvio Peroni</dblp:prim
-<dblp:primaryAffiliation>
  University of Bologna, Department of Classical Philology
</dblp:primaryAffiliation>
<dblp:otherAffiliation>OpenCitations.net</dblp:otherAffi
<dblp:primaryHomepage rdf:resource="http://www.essep
<dblp:otherHomepage rdf:resource="https://www.unibo.it
<dblp:webpage rdf:resource="https://scholar.google.com/c


```

 Collection


dblp computer science bibliography –
Monthly Snapshot XML Release

 Author  dblp Team 

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 Author Details

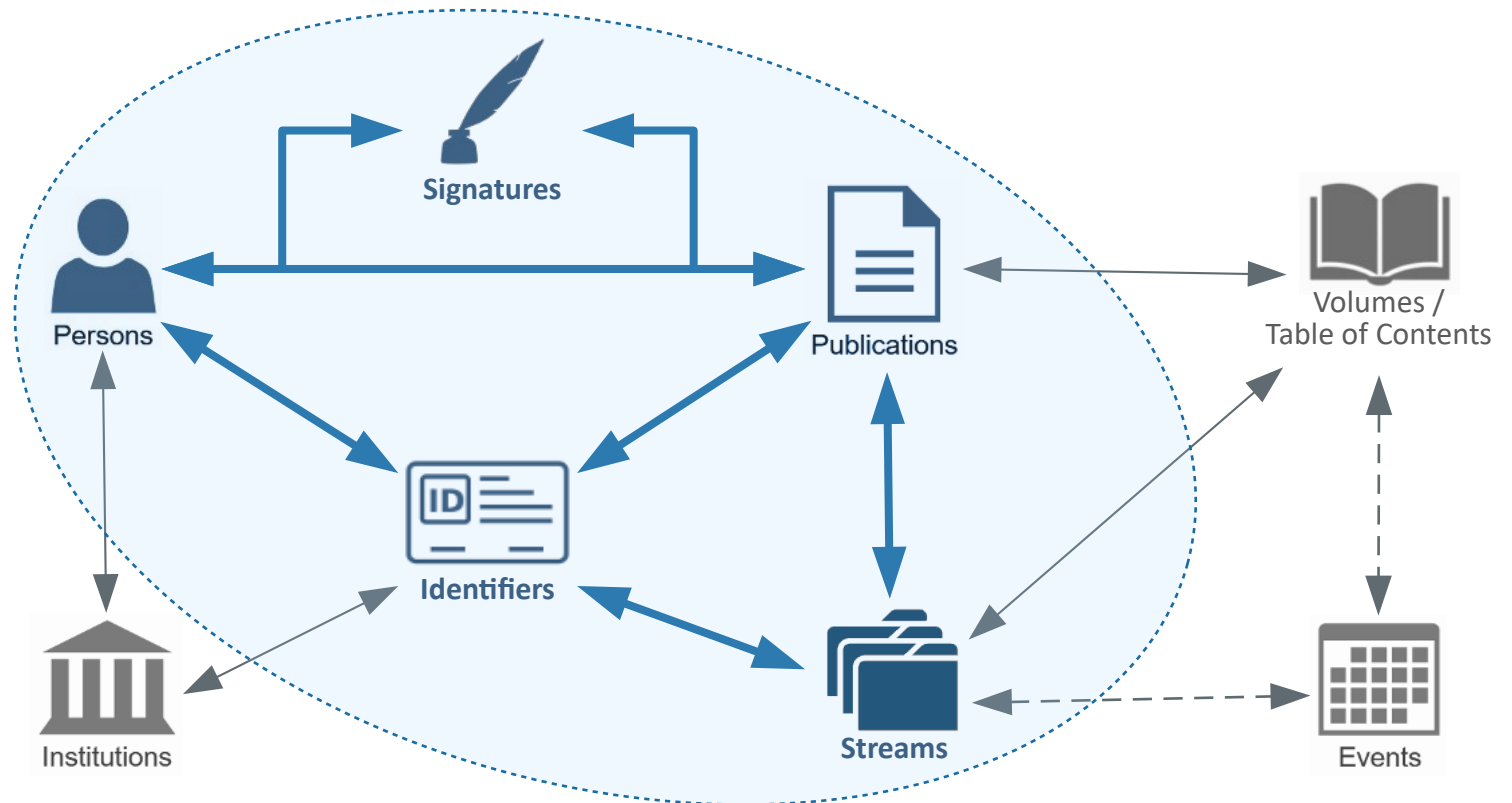
 dblp Team  

 Creator

Schloss Dagstuhl – Leibniz Center for Informatics 



dblp Knowledge Graph



- **3.7 million** Persons
- **7.8 million** Publications
- **9,000** Streams
- **55,000** Conference Events (work in progress)
- **508 million** triples
- **10.9 million** linked external URIs



Stream entity types

- **dblp:Conference**

- Conference or Workshop series
- 6,900 resources

- **dblp:Journal**

- Journal series
- 1,800 resources

- **dblp:Series**

- Proceedings or Monograph series
- 220 resources

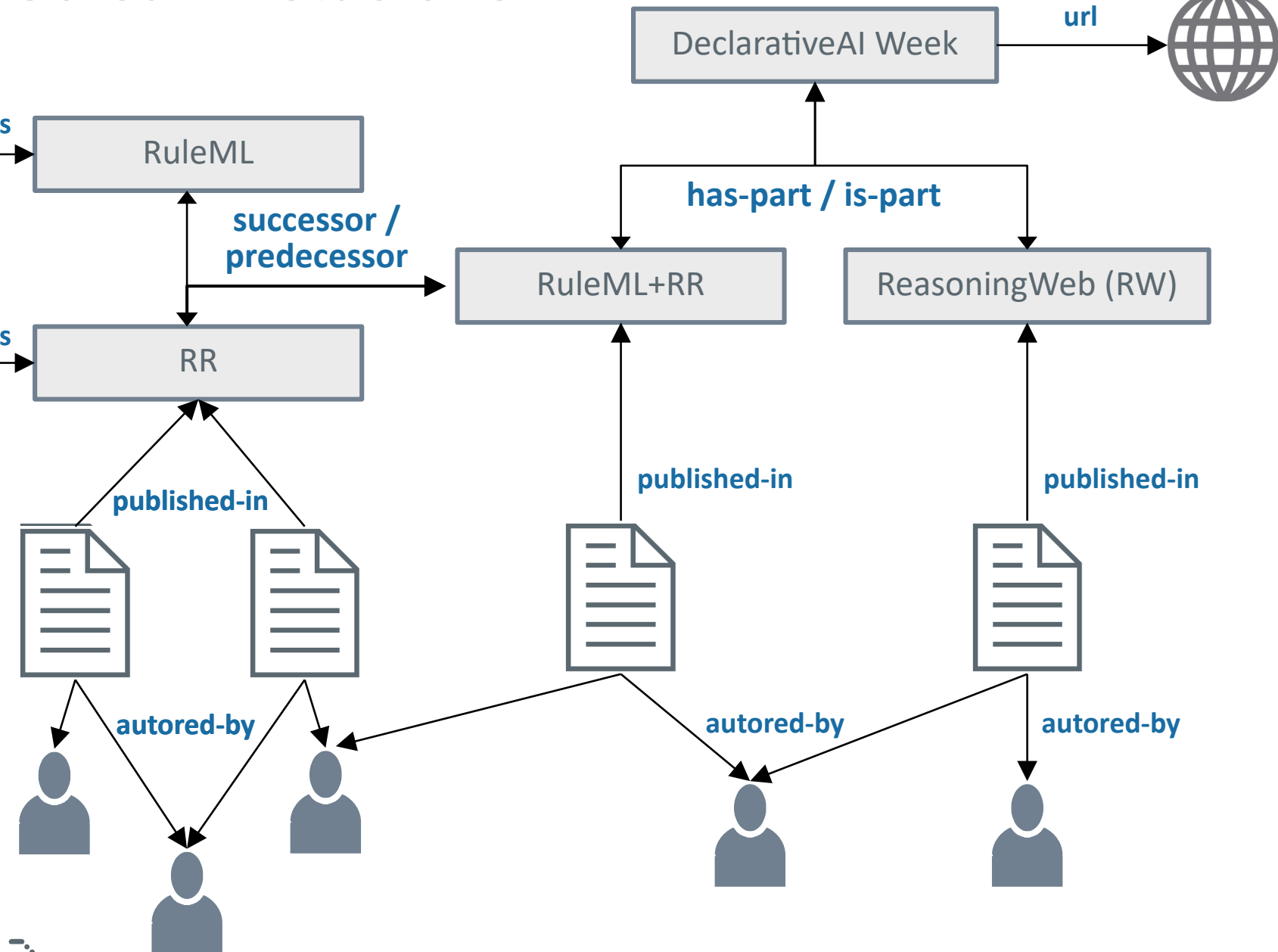
- **dblp:Repository**

- Data repositories
- 13 resources

```
<https://dblp.org/streams/conf/semweb>
  rdf:type dblp:Stream, dblp:Conference ;
  owl:sameAs <http://www.wikidata.org/entity/Q6053150>
  rdfs:label "International Semantic Web Conference (ISWC)" ;
  dblp:indexPage <https://dblp.org/db/conf/semweb/index.html> ;
  dblp:relatedStream <https://dblp.org/streams/conf/dam&cat=semweb> ;
  datacite:hasIdentifier [
    rdf:type datacite:Identifier ;
    datacite:usesIdentifierScheme datacite:wikidata ;
    litre:hasLiteralValue "Q6053150"
  ], [
```



Stream relations



dblp SPARQL Query Service

- <https://sparql.dblp.org>

The screenshot shows the SPARQL.dblp.org website interface. The main area is a query editor with a SPARQL query for finding doctoral students in dblp who have published in the Semantic Web journal. The query is as follows:

```
1 ## Doctoral students in dblp having published in the Semantic Web journal
2 PREFIX dblp: <https://dblp.org/rdf/schema#>
3 PREFIX rdf: <http://www.w3.org/1999/02/22-rdf-syntax-ns#>
4 PREFIX rdfs: <http://www.w3.org/2000/01/rdf-schema#>
5 PREFIX wdt: <http://www.wikidata.org/prop/direct/>
6 PREFIX wd: <http://www.wikidata.org/entity/>
7 SELECT ?student ?student_label ?advisor WHERE {
8   ?student rdf:type dblp:Person .
9   ?student rdfs:label ?student_label .
10  ?student dblp:wikidata ?student_q .
11  ?publ dblp:publishedInStream <https://dblp.org/stream/> ?student_q .
12  ?publ dblp:authoredBy ?student .
13  SERVICE <https://query.wikidata.org/sparql> {
14    ?student_q wdt:P2456 [] .
15    ?student_q wdt:P31 wd:Q5 .
16    ?student_q wdt:P184 ?advisor_q .
17    ?advisor_q rdfs:label ?advisor .
```

Below the query editor are buttons for "Execute", "Download", and "Share". At the bottom of the editor are buttons for "Format", "Clear cache", and a user icon.

The sidebar on the right contains the following content:

- Navigation links: Home, Conferences and Workshops, SPARQL queries (marked as new).
- Section: run query for this venue
- List of query types:
 - frequent authors
 - venues with community overlap
 - co-cited venues
 - venues citing this venue
 - highly cited publications
- Text: or build your own?

Example queries

- „Which **conference events** did publish the ***most papers*** in its proceedings?“
 - [demo]
- „Which **conferences** have the ***largest community overlap*** with ISWC 2024?“
 - [demo]
- „Which **conferences** are ***frequently co-cited*** together with articles from the Semantic Web journal?“
 - [demo]



Thanks!

<https://dblp.org>
<https://sparql.dblp.org>

✉ dblp@dagstuhl.de

~~ [@dblp_org](#)~~

 [@dblp.org](#)

 [@dblp@mastodon.social](#)

