



The ACM Digital Library: A User Guide

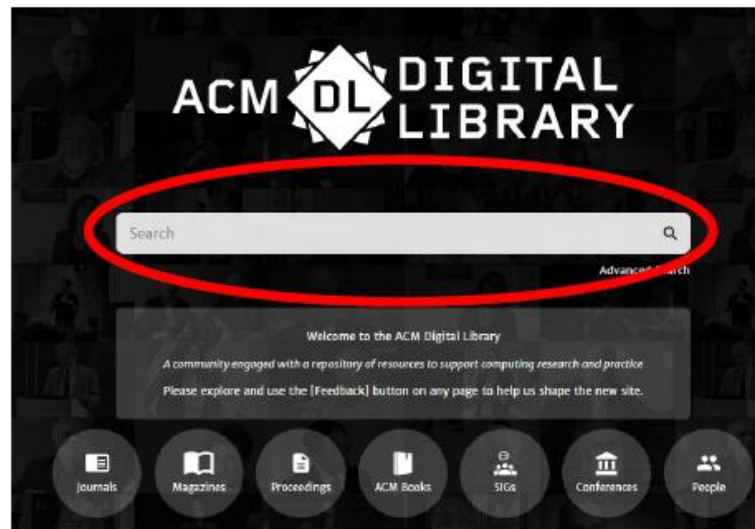
The ACM is the world's leading publisher of scientific and technical information and conference organizer in the field of Computing

The ACM Digital Library (DL)

- The DL is computer science's most comprehensive and highly-used online research platform.
- Contains all of ACM's journals, conference proceedings, newsletters and books.
- ACM Books series (<https://dl.acm.org/acmbooks>) is hosted on DL platform but is not included with institutional subscription but instead by one-time purchase. The series is also available via individual ACM membership.
- As of March 2020, the DL contains 786,000 full-text articles, and 3.2 million tracked publication records.
- The ACM DL web account allows the user to access full-text remotely, save searches, set up alerts, and save full-text articles into Binders.
- To create a web account, click on the "Register" button in the upper right-hand corner of the DL screen (see next slide).
- Visit at <https://dl.acm.org>

ACM DL: Basic Search

- The Basic Search box is found at the top of the DL home page:



ACM Basic Search (con't)

- The Basic Search provides instant suggestions as you type:



- The Basic Search allows you to search for People, Publications, and Content
- Basic Search allows Boolean operators AND, OR and NOT (use capital letters)

ACM Basic Search (con't)

- The Basic Search box is always available on the DL screen:



Proceedings > Cloud-1'12 > Analytic lessons: in the cloud, about the cloud

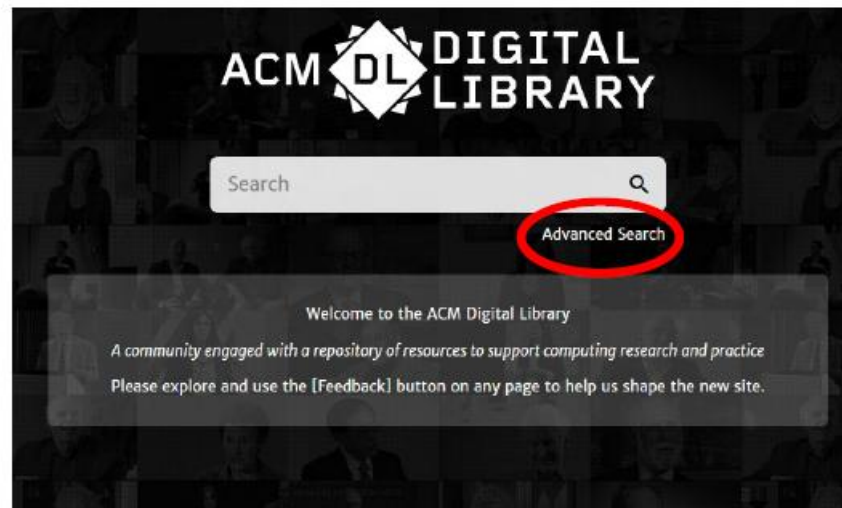
RESEARCH-ARTICLE

Analytic lessons: in the cloud, about the cloud



ACM DL Advanced Search

- The Advanced Search is right below the Basic Search box:



ACM DL Advanced Search (con't)

- Advanced Search is based on a filtering system that allows the user to refine their search parameters.
- User may select between searching Full-Text only or also including *The Guide to Computing Literature* bibliometric index.
- User may search for words contained in article citation or other associated metadata.
- User may then add additional content filters such as for terms related to article supplemental materials, general computing subject area, publisher and more.
- Finally, user may define the publication date range for their search results.
- Boolean operators AND, OR, and NOT can be applied.

Advanced Search

Search

Search anything within the ACM Digital Library or go to your [Saved Searches](#)

Search items from:

Search Within

Filters

Publication Date
 All dates
 Last

 Custom range
From:
To:

ACM DL Advanced Search (con't)

- User can select among these search fields from drop-down menu
- User can add multiple "filters" to select more parameters.

Search Within ⓘ

Anywhere	▼	Enter Search term	⊖
Anywhere			
Title		Enter Search term	⊖
Author			
Abstract		Enter Search term	⊖
Full text			
Author Affiliation		Enter Search term	⊕
Author Keyword			
Conference Location			
Conference Sponsor			
Name			
ISBN/ISSN			
DOI			



ACM DL Search Results Screen

Refine Search Results Options:

- by People
- by Publication Info
- by Conferences and more

Search results citations and article links

The screenshot displays the ACM DL search results interface. On the left, a sidebar contains filter categories: People (Names, Institutions, Authors, Editors, Reviews), Publications (Journal/Magazine Names, Proceedings/Book Names, All Publications, Content Type, Media Formats, Paper Award, Publisher), and Conferences (Sponsors, Conference Event, Proceedings Series). The main content area shows search results for 'HCI and sports', including a 'TECHNICAL NOTE' and an 'ARTICLE'. Each result includes author names, a title, a snippet of text, and social media sharing icons. Annotations with red arrows point from the text labels to the filter sidebar and the search results entries.

Article Citation Page

ARTICLE

Real HCI: what it takes to do HCI engineering for disasters, driving, disruption, and distributed work

Authors: Stuart K. Card, Robin Mumby, John D. Lee, Judy O'Keefe, William Newman

Publication: CHI EA '00: CHI '00 Extended Abstracts on Human Factors in Computing Systems • April 2000 • Pages 57-60 • <https://doi.org/10.1145/1125451.1125467>

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ABSTRACT

The current dependence of HCI practice on feature-level design and defect-oriented usability evaluation is hindering it from addressing persistent societal problems such as disaster search and rescue, driver distraction and communication failures. HCI has much to offer here in

Recommended

Identity, performance, and HCI

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- Also includes Index Terms, Article Subject Taxonomy and Comments

Author Profile Page

Moshe Y. Vardi

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ACM Awards Logos

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Most cited colleague: **Jeffrey D. Ullman** (Stanford University)

Last year's Top subject: **Computing industry**

Top keyword: **temporal logic**

Most frequent Affiliation: **Rice University** (166 Papers)

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