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Desktop access for PNNL staff only; also available at the user stations in the PNNL Technical Library

Accessing the database: <http://portal.acm.org/>

The ACM Portal: The *ACM Portal* is divided into two sections:

- **ACM Digital Library** allows you to search, browse, and read full-text journal articles, transactions, and proceedings published by the ACM. In most cases, the first issue through the present issue is available.
- **ACM Guide to Computing Literature** contains abstracts from major publishers in computing, including ACM publications. The PNNL Technical Library has only limited access to the **ACM Guide**. Searching of the *ACM Guide* is allowed with the Library's subscription, but the full text of non-ACM materials is not available.

Basic Search

1. Type your search term(s) in the **Search** box at the top right of the screen and then click the **Search** button. The Basic Search will only search the *ACM Digital Library*. **Example: fuzzy logic AND uncertainty.**
2. To broaden your search, click the **Expand your search** link after executing your initial search. Toggle back to narrow the search by clicking the **Limit your search** link.
3. Use the **Refine by Keywords** search box to use additional terms to narrow your search.
4. Use these options to drill down to a specific author, institution, publication type, publication year, conference title, etc.:
 - Refine by People
 - Refine by Publications
 - Refine by Conferences

Search Tips

- Search results will sort by relevance. Change the sort order by using the **Sort By** drop down menu.
- Use double quotes to search for exact phrases. **Example: "fuzzy logic" AND "artificial intelligence."**
- *The ACM Digital Library* also supports natural language searching. In the search box, type a statement or question rather than search terms. **Example: How does fuzzy logic relate to other logics of uncertainty?**

Browsing the *ACM Digital Library* Publications

Enter **The ACM Portal**, and select a browsing option to drill down to specific publication titles, special interest groups, conferences, series, interviews, publisher and classification codes:

- Browse the ACM Publications
 - Journals/Transactions
 - Magazines
 - Proceedings
- Browse the Special Interest Groups
- Browse the Conferences
 - Recent and Upcoming Conferences
 - Conference Listing
- Browse the Special Collections
 - ACM International Conference Proceedings Series (ICPS)
 - Classic Book Series
 - ACM Oral History Interviews
- Browse the Publications by Affiliated Organizations
- Browse all literature by type (Books, Periodicals, Proceedings, Theses, Reports, RFCs)
- Browse all literature by Publisher
- Browse by the ACM Computing Classification System

Advanced Searching

1. From the ACM Portal, click the **Advanced Search** link.
2. In the **Words or Phrases box(es)**, type search terms into the appropriate search boxes to include either **All**, **Any**, or **None** of the words entered.
3. Limit name(s) to the role of **Authors**, **Editors**, **Advisors** or **Reviewers** by using the drop-down menus. Decide on **All**, **Any**, or **None** for these roles by checking the appropriate radio buttons.
4. Other advanced search options allow you to further restrict your search based on ISBN/ISSN numbers, DOI, conference sponsors/locations/dates, publisher, date and type of publication, classification codes, subjects, and keyword descriptors.

Viewing Results

Note: Adobe Acrobat Reader is required to view full-text articles.

1. Click the desired title to retrieve citation information. Scroll down to find links to the abstract, references, and index terms, **OR**
2. Click the **Full Text Available pdf** icon located under the journal or proceedings title to access the complete document.

Special Viewing Features:

Look for these tabs in the full record:

References: Connects you to the list of references for a particular article. References are hot-linked to their full citations if they are contained within the *ACM Digital Library*.

Cited By: Connects you with references that cite the article of interest. References are also hot-linked to their full citations if they are contained within the *ACM Digital Library*.

Index Terms: Displays the classification terms associated with the article.

Note: Authors names not only link to additional publications by that author, but also to colleagues with whom they have published.

Saving, Printing or Downloading Results

- Use your browser's print or save options to print or save citation information. Save as either a text file or an html file.
- To print or save full-text documents, use the Adobe Acrobat Reader's print or save options.
- The three reference citation formats ACM offers (BibTeX, Endnote, and ACM Reference Format) all require cut-and-paste operations. There are no direct export functions at this time.

ACM Web Accounts

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- TOC Email Alerts: Open the full record of an item. In the **Tools and Resources** box, click **Email** under **TOC Service**. The title of the journal or conference proceedings will appear in a pop-up window. Click the check box next to the title and then click submit. This will send you the tables of contents to new issues of this publication.
- TOC RSS feeds: You can read the current table of contents of a favorite journal or conference proceedings via an RSS feed. In the **Tools and Resources** box, click **RSS** under TOC Service. The default RSS reader is *Google Reader*.
- Binders: Binders contain custom collections of citations from the *ACM Digital Library*. You can share binders with other *ACM Digital Library* users. Open the full record of an item and click **Save to Binder** in the **Tools and Resources** box to move items to a binder.

For additional information on this product, visit the ACM DL User Guide at:

<http://libraries.acm.org/dl-user-guide-0>