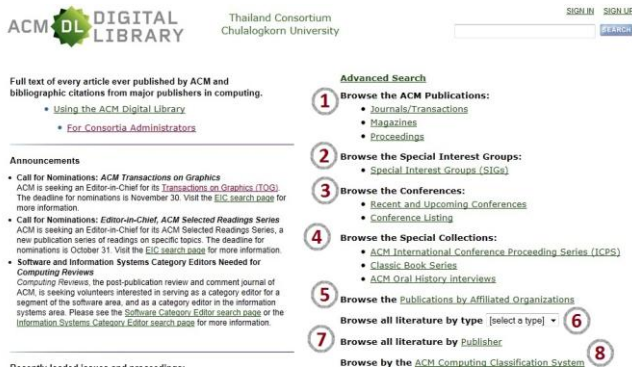# ACM Digital Library

ACM Digital Library is a database about general literature, hardware, computer systems organization, software, data, theory of computation, mathematics of computing, information systems, computing methodologies, computer applications, and computing milieux. The data are full texts, abstracts, or reviews since 1947. This database has the most contents of data about computer.

How to begin

Go to http://www.car.chula.ac.th/curef-db/slist.html#science and click **ACM Portal**. The screen is shown as the following picture.
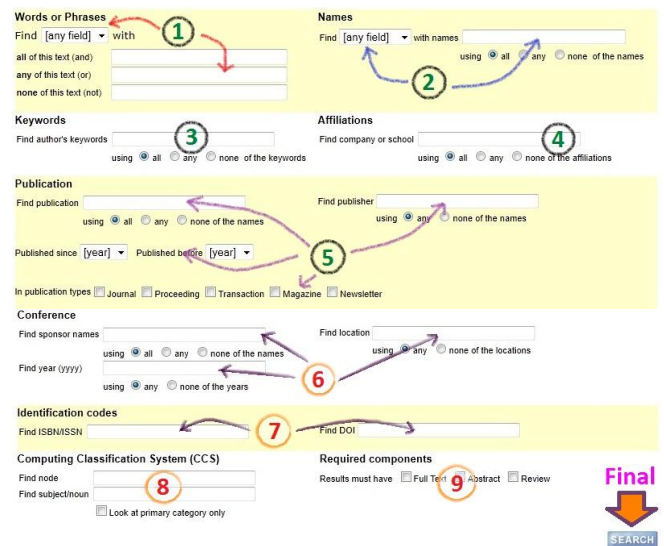

Searching data

📖 **Browsing** is divided into

❶ Browse the ACM publications that are journals / transactions, magazines, and proceedings

❷ Browse the special interest groups (SIGs)

❸ Browse the conferences that are recent and upcoming conferences and conference listing

❹ Browse the special collections that are ACM international conference proceeding series (ICPS), classic book series, and ACM oral history interviews

❺ Browse the publications by affiliated organizations

❻ Browse all literature by types that are books, periodicals, proceedings, theses, reports, and RFCs (the Requests for Comments)

❼ Browse all literature by publisher

❽ Browse by the ACM computing classification system

📖 **Searching** is divided into

⚙ Basic search can be used by typing word or phrase in the basic search box and click SEARCH

⚙ Advanced search is used when users have many details of data by clicking Advanced Search. The screen is shown as the following picture

Advanced search is divided into

① Words or phrases:

1.1 Select appropriate field of word or phrase (title, abstract, review, or any field)

1.2 Type word or phrase in the boxes that are different operators (and, or, not)

② Names:

2.1 Select appropriate field of names (authors, editors, advisors, reviewers)

2.2 Type names in the box

③ Keywords: type author's keywords in the box

④ Affiliations: type company or school's names in the box

⑤ Publication:

5.1 Type publication's names in the box

5.2 Type publisher's names in the box

5.3 Select year of publishing

5.4 Select publication types (journal, proceeding, transaction, magazine, newsletter)

⑥ Conference:

6.1 Type sponsor names in the box

6.2 Type location names in the box

6.3 Type year of conference in the box

⑦ Identification codes:

7.1 Type ISBN or ISSN
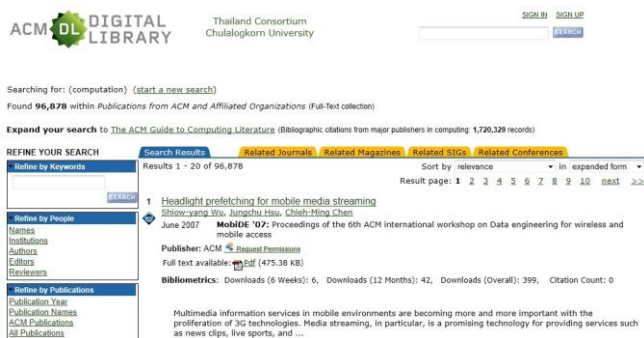
7.2 Type DOI

⑧ Computing classification system (CCS):

8.1 Type node of CCS

8.2 Type subject or noun

⑨ Required components: Select full text, abstract, or review
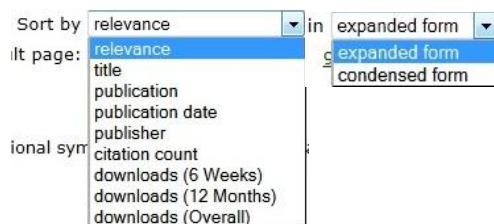
After finish the details, click SEARCH

Search results and result management

The search result of word "computation" is shown as the following picture.

The results can be viewed by

 Related Journals

 Related Magazines

 Related SIGs

 Related Conferences

Users can sort results by selecting relevance, title, publication, publication date, publisher, citation count, downloads (6 weeks, 12 months, overall) and form of the results (in expanded form or condensed form) as need.

Condensed form hasn't show publishers, pdf files, downloads, and keywords.

Result management

A. Type word or phrase in the box to refine by keywords

B. Select names, institutions, authors, editors, reviewers to refine by people

C. Select publication year, publication names, ACM publications, all publications, content formats, publishers to refine by publications

D. Select sponsors, events, proceeding series to refine by conferences

View the data

When click the title of document, the screen is shown as the following picture.

🖱 Click 📄Pdf to read full text in pdf format and save file by click File on menu bar and click Save as…

🖱 Click File on menu bar and click Print… to print out

🖱 Click EndNote from topic "Export Formats" to export the bibliographic data to EndNote by click download and click open and then select library

Sign out from the system

If users use mode "log in", click SIGN OUT to sign out from the system.