

Finding research information

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Overview

Finding information


- Books
- Journal articles
- Conference papers/proceedings

Advanced searching

- Cited reference searching

Keeping up-to-date

- RSS webfeeds
- Database alerts



Email alerts
for due items
now available

Wikipedia

- Online encyclopedia
- Wiki software - editable by anyone
- Peer production / 'Age of participation' - Tim O'Reilly
- Responsive - up to date, unlimited length, links and visual aids
- Quality - 'stubs', spam..
- Order despite the opportunity for chaos?
- Compare to *Britannica* for accuracy? (Nature article)
- Long tail - entries in Wikipedia not included elsewhere but useful to *someone*
- 'Information exploration, not the definitive source of facts' (Anderson, p. 69)
- Software & hardware requirements

Before you start:

- Thinking about your topic:
- Identify main topics and keywords
- Consider alternative terms and spellings
- Use boolean search operators AND OR NOT
- Use truncation * and wildcards ?
- Use limiters such as year, language, full text journals, etc.
- Brainstorm!

Locating books

- Books held in the University of Bath library can be found via the library catalogue:
- www.bath.ac.uk/library/webcat
- Watch for subject headings appearing soon
- See 'Your use of the library'
- See 'Theses and dissertations'



Go



Library and Learning Centre

Your Use of the Library



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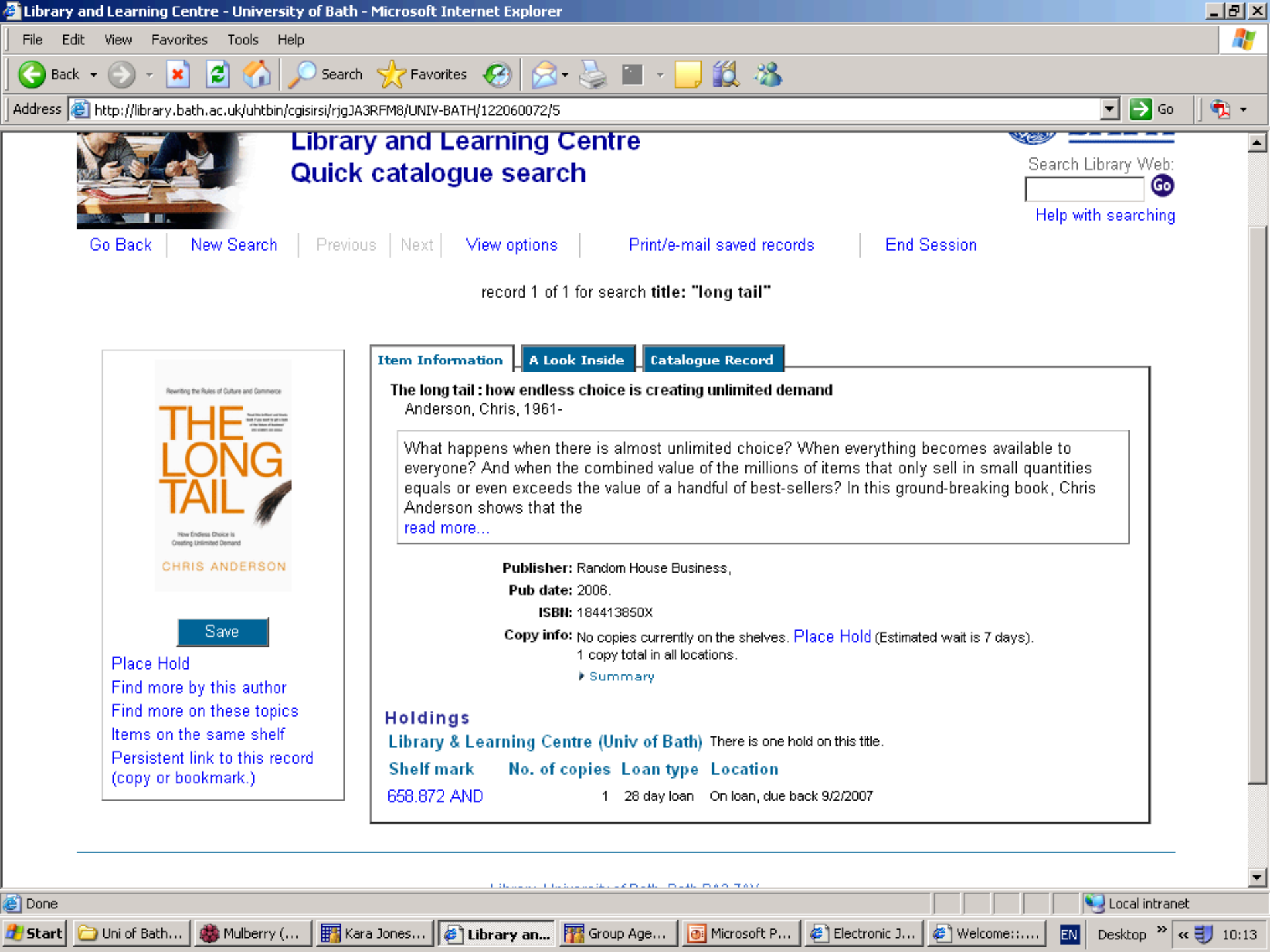
E-mail: library@bath.ac.uk

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[TOP](#)





Locating journal articles

- Journals - published continuously, contain reports of recent academic research. Also called periodicals, serials or magazines.
- Use **bibliographic databases/indexes** to locate journal articles:
 - Indexes to journals and other publications
 - Each database covers different information

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To view individual titles, see A-Z below. Select the letter with which the journal title begins. Ignore 'The', 'A', 'An' etc. Check the date beneath the journal title to confirm the start date of our access to the full-text.

0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F	G	H
I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z

Please note that the journals available via Lexis-Nexis are not included in the above list due to technical reasons. There is a separate [list of Lexis-Nexis journals titles available](#).

You can [search for articles and conference proceedings across a range of journals](#) by using databases.

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EN

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10:16



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Go

**Macromolecular theory and simulations**

ISSN: 1022-1344

Wiley Interscience

Available from 1998 volume: 7 issue: 1.

Macromolecules

ISSN: 0024-9297

American Chemical Society Journals

Available from 1968 volume: 1 issue: 1.

Macworld

ISSN: 0741-8647

EBSCOhost Business Source Premier

Available from 2001.

Free e-journal web site

Available from 2004.

Mad hatters' review

ISSN: 1556-147X

Free e-journal web site

MADERAS : Ciencia y Tecnologia

ISSN: 0717-3644

Directory of Open Access Journals

Available from 2005.

MAG

ISSN: 1444-9347

Free e-journal web site

Available from 2005.

How to search databases

- Make sure you're searching the best database for your topic
- Run your search
- Review your results
- Refine your search - use limiters
- Output your results.
- Link to full text or check the catalogue/A-Z ejournal lists.

Databases for Computer Science

- MathSciNet
- PsycInfo
- Web of Science
- ISI Proceedings
- Scopus
- See 'Resources for your subject' on the library website.
- Also: ACM Digital Library, Eurographics Digital Library, IEEE/IEE Electronic Library

Web of Science

- The Web of Science is a respected and comprehensive index, composed of three large databases:
 - Arts and Humanities Index (1975 -)
 - Social Science Citation Index (1970 -)
 - Science Citation Index (1970 -)






General Search

MAKE THIS MY START PAGE

Select database(s) and timespan:

HIDE SETTINGS ▲








Citation Databases:

- ☒  Science Citation Index Expanded (SCI-EXPANDED)--1970-present
- ☒  Social Sciences Citation Index (SSCI)--1970-present
- ☒  Arts & Humanities Citation Index (A&HCI)--1975-present

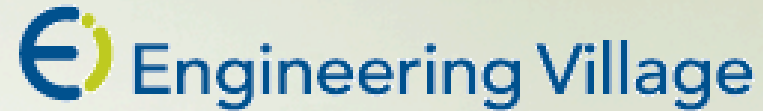
- ☐ Latest  1 week (updated October 13, 2006)
- ☐ Year  2006
- ☒ From  1970 to  2006 (default is all years)

To remember these settings, first [sign in or register](#).

Enter terms or phrases separated by the operators AND, OR, NOT, or SAME, and then press SEARCH.
The search will be added to the search history. [[>> View your search history/combine sets](#)]

 **TOPIC:**  Enter one or more terms. Searches within article titles, keywords, and abstracts.*Example:* neural network* AND pollut* ([More examples](#)) ☐ Title only**AUTHOR:**  Enter one or more author names (see [author index](#) ).*Example:* O'BRIAN C* OR OBRIAN C*[Author Finder](#): Need help finding papers by an author? Use Author Finder.**GROUP AUTHOR:**  Enter one or more group names (see [group author index](#) .*Example:* CERN**SOURCE TITLE:**  Enter full journal titles (see [full source titles list](#) .*Example:* Cancer* OR Journal of Cancer Research and Clinical Oncology

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Search Tips

Use truncation (*) to search for words that begin with the same letters.
comput* returns computer, computers, computerize, computerization

Truncation can also be used to replace any number of characters internally.
sul*ate returns sulphate or sulfate

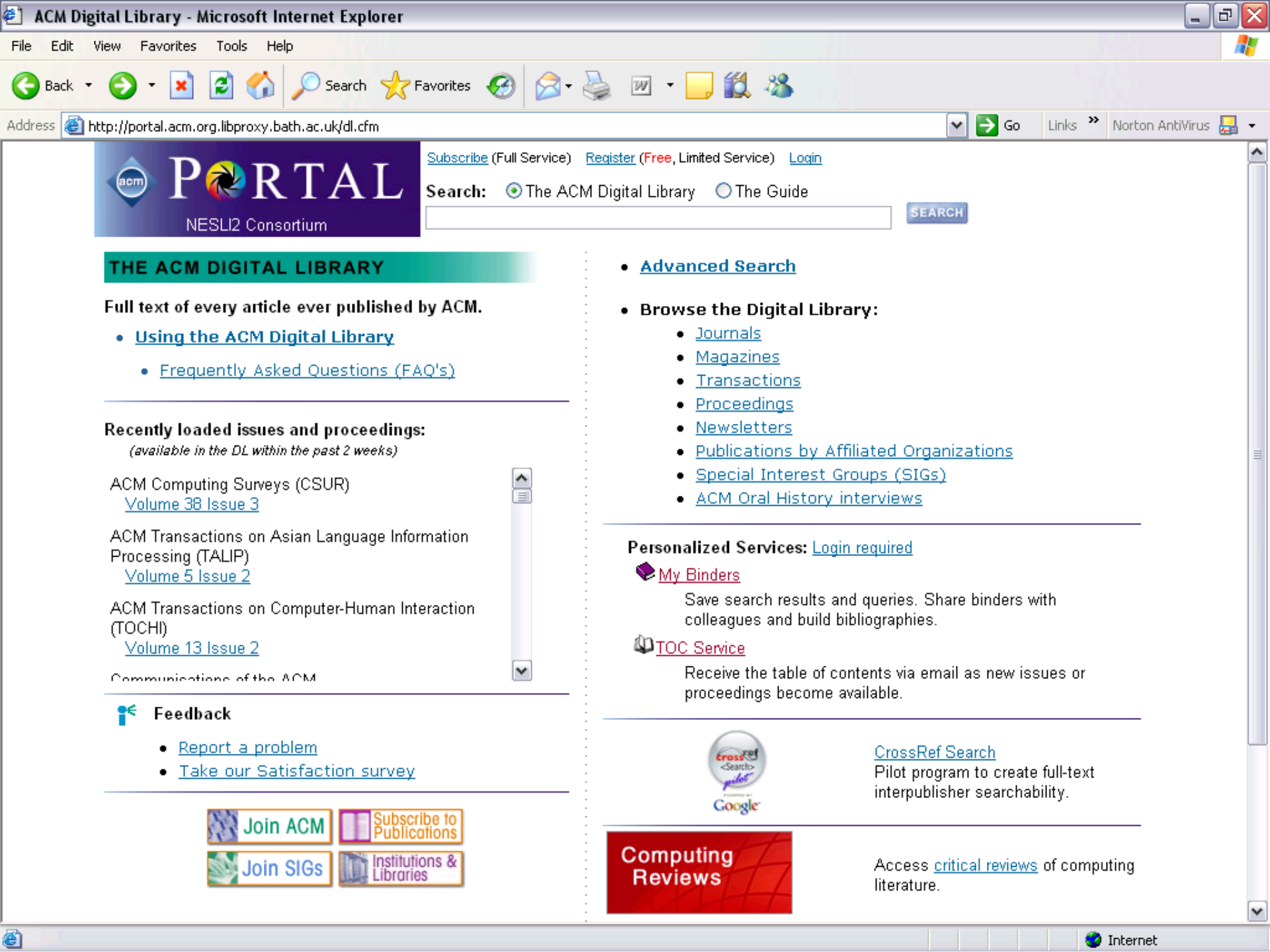
Use wildcard (?) to replace a single character.
wom?n retrieves woman or women

Terms are automatically stemmed, except in the author field, unless the "Autostemming off" feature is checked.
management returns manage, managed, manager, managers, managing, management

To search for an exact phrase or phrases containing stop words (and, or, not, near), enclose terms in braces or quotation marks.
{Journal of Microwave Power and Electromagnetic Energy}
"near field scanning"

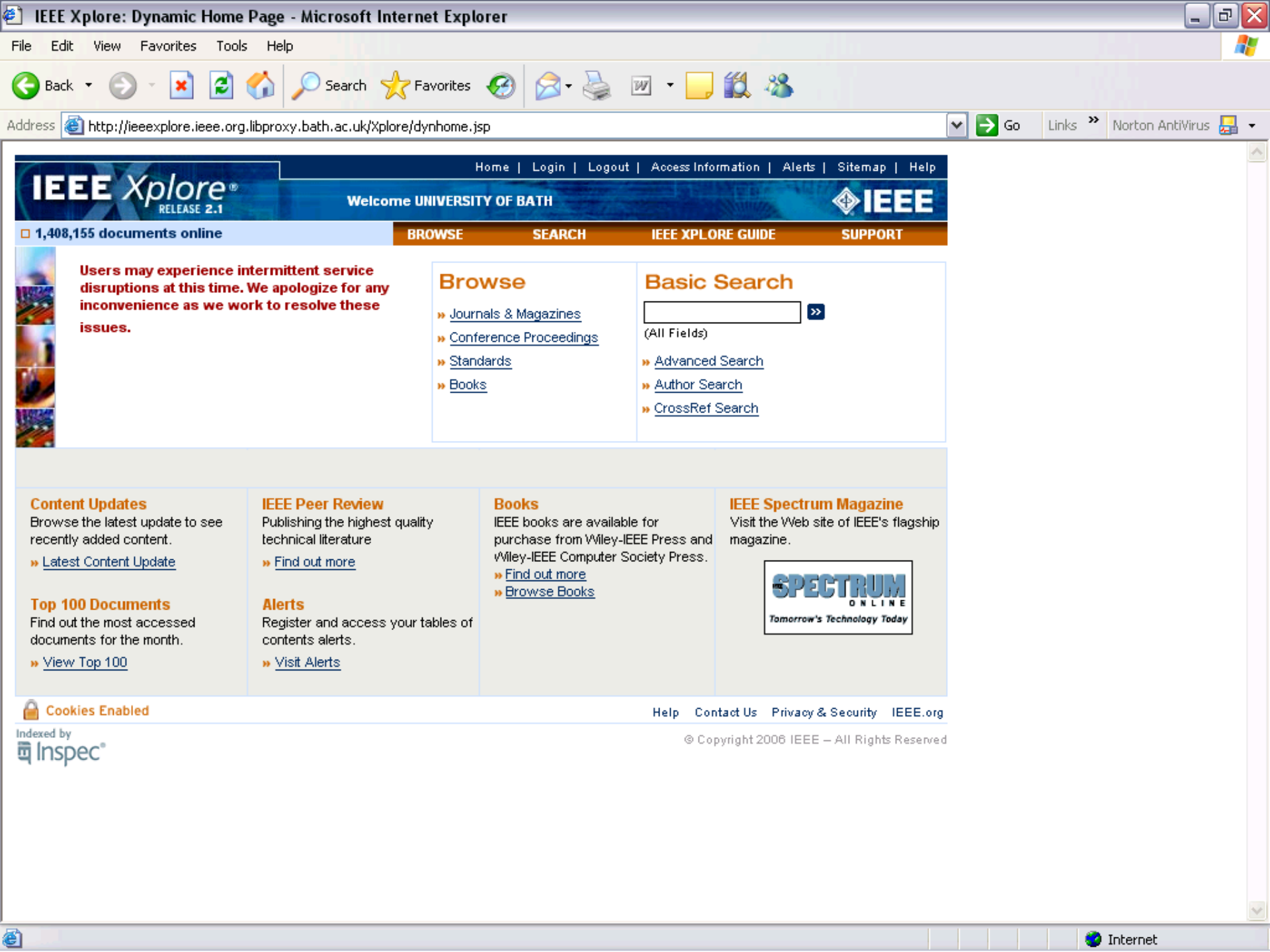
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- http://portal.acm.org.libproxy.bath.ac.uk/faq_dl.cfm?coll=portal&dl=ACM&CFID=2002222&CFTOKEN=25202876



IEEE/IE Xplore

- IEEE is the Institute of Electrical and Electronics Engineers
- IEEE/IE Xplore covers 1988 +
- IEEE Xplore provides full text access to the world's highest quality technical literature in electrical engineering, computer science, and electronics. IEEE Xplore contains full text documents from IEEE journals, transactions, magazines, letters, conference proceedings, standards, and IEE (Institution of Electrical Engineers) publications





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(including conference proceedings for EG'86 - EG2006)

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Locating conference papers

ISI Proceedings

- Hosted on Web of Science platform
- Science & Technology -- Proceedings--1990-present
- Social Science & Humanities -- Proceedings--1990-present

Scirus

- <http://www.scirus.com>
- Science specific search engine from Elsevier publishers. Also incorporated into the Scopus database.

CiteSeer

- <http://citeseer.ist.psu.edu/>
- CiteSeer is a scientific literature digital library and search engine that focuses primarily on the literature in computer and information science.

Cited Reference Searching

- Cited reference searching enables you to find articles that have cited a previously published work.
- Through a cited reference search, you can discover how a known idea or innovation has been confirmed, applied, improved, extended or corrected. http://wos.isiknowledge.com/help/hcr_lookup.htm#crlookup#crlookup
 - Bibliography / Cited References list - takes you 'back in time' to previously published articles.
 - Times Cited / Citation search - takes you 'forward in time' because you can identify more recent articles that cite this one

Keeping up to date

Increase your search efficiency by using tools that bring new information to you.

- Database saved search alerts
- Zetoc
- RSS feeds



Database alerts

- Databases and indexes are tools allowing you to search for topics by using keywords (topic, author, titles, etc)
 - Emerald
 - Web of Science
 - PsychInfo
 - Compendex
- Even though the library may have a subscription, you will need to create your own sign-in for alerts.
- Set up your profile on a database to deliver alerts when material matching your search parameters is added.

Saving searches

- Each database may be different but the concept is the same:
 - Look for a link to 'My profile' or 'Saved searches'
 - Set up a profile with your email address
 - Run your search
 - Save your search as an alert



Zetoc Journal alerts

- **Zetoc Alert** is a current awareness service from the British Library. Zetoc alert sends emails directly to you every time new data is loaded into Zetoc that matches your criteria. It's mainly used for *Journal Table of Contents alerts*.
- You can set up Alerts for:
 - the table of contents from particular journals
 - for keywords from article titles
 - for author's names.
- Each list can contain 50 items for 1 year.

RSS Webfeeds

- Using XML webfeeds (RSS or Atom) and a feedreader to keep up to date with websites.
- Used by websites that update regularly - 'Push technology'
- Webfeeds allow you to organise new information into manageable chunks.
- No subscribing/unsubscribing when you go on holidays, no spam, no alerts caught up in day-to-day mail.
- A feed on a website is commonly indicated by any of these icons.



XML

RSS

RSS webfeeds

- Requires a feedreader or aggregator.
- See dmoz.org / search for feedreaders for a list of web-based or downloadable readers.
- Add websites with feeds to your feedreader and sort into folders.



Questions?

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Ph. 01225385809

