



ACM Digital Library: How to Access

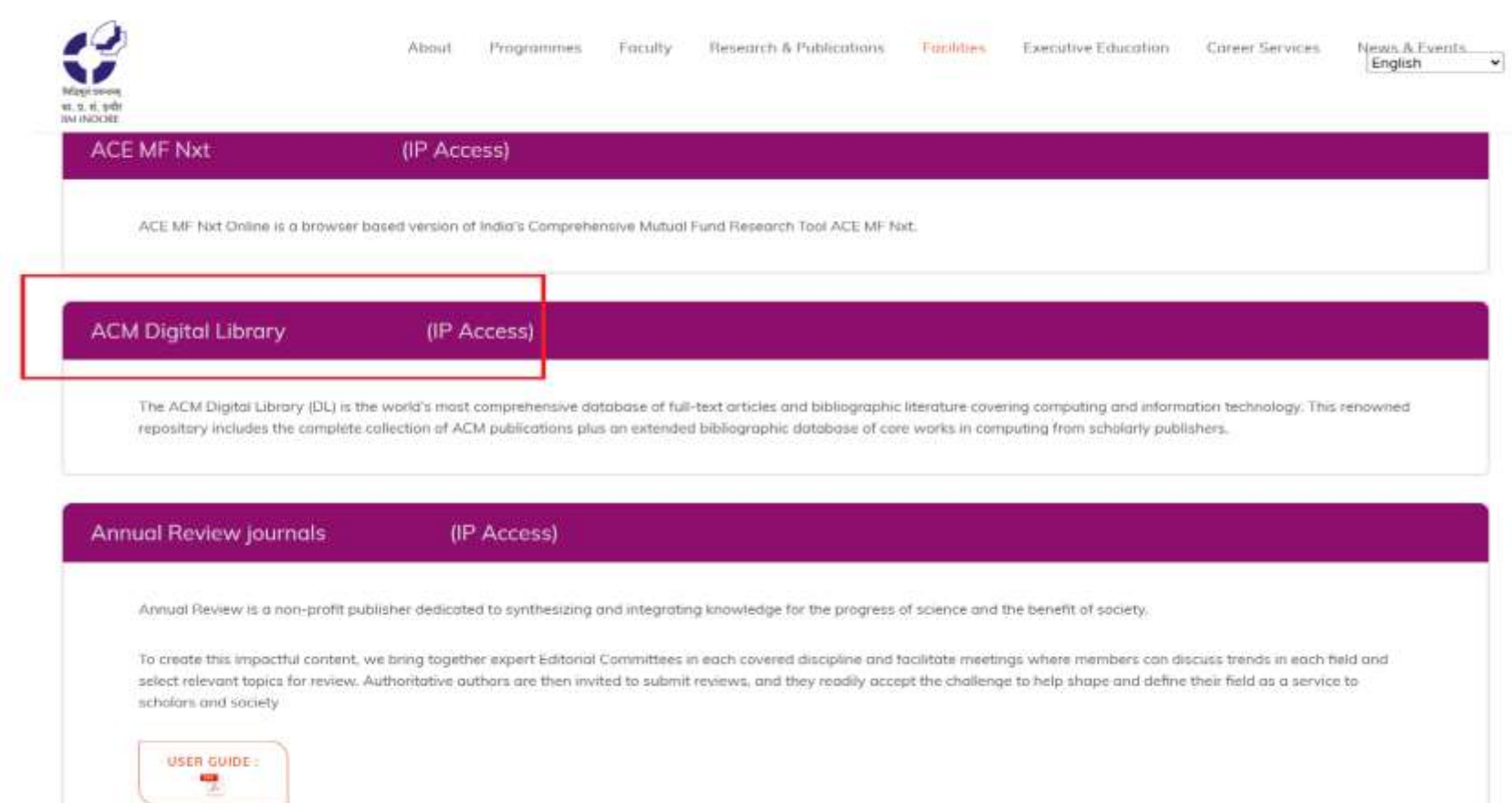
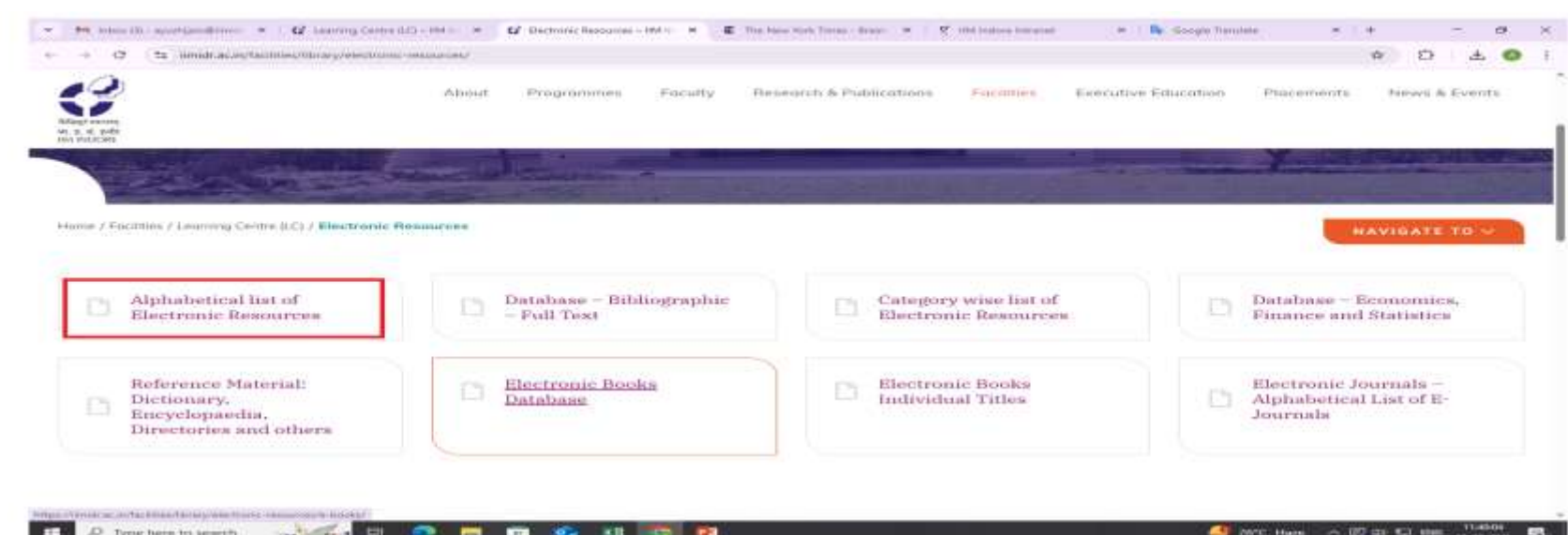
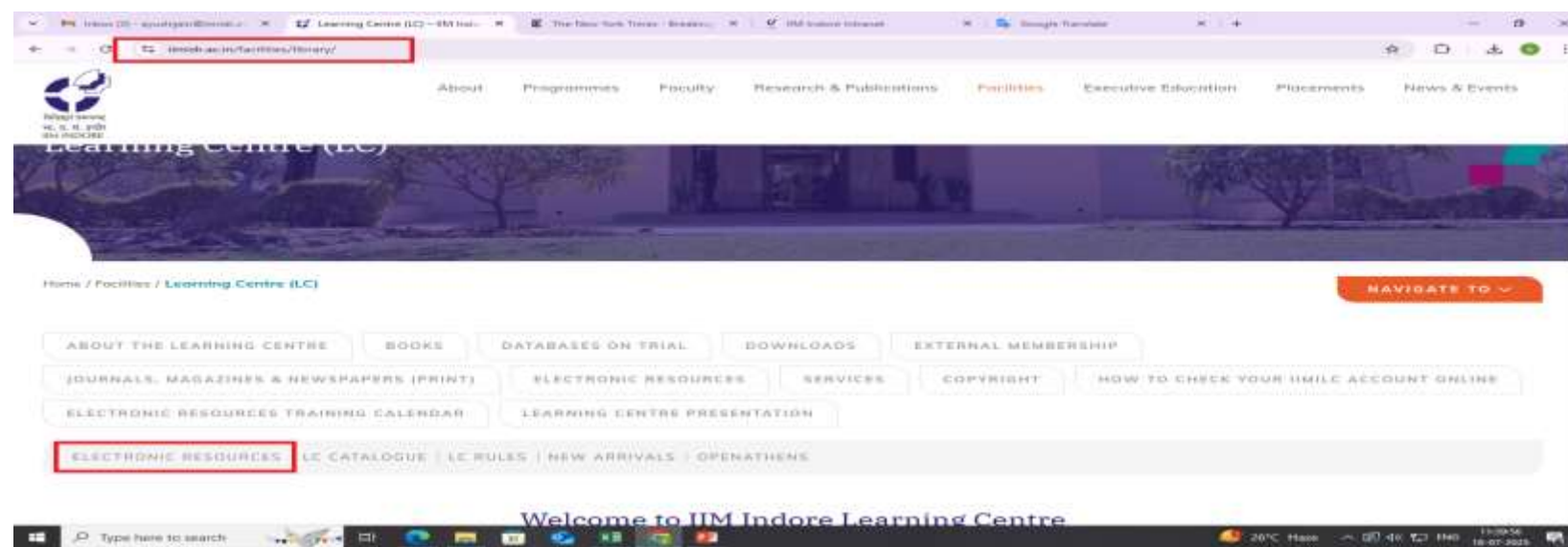
Database Guide

Learning Centre
Indian Institute of Management Indore



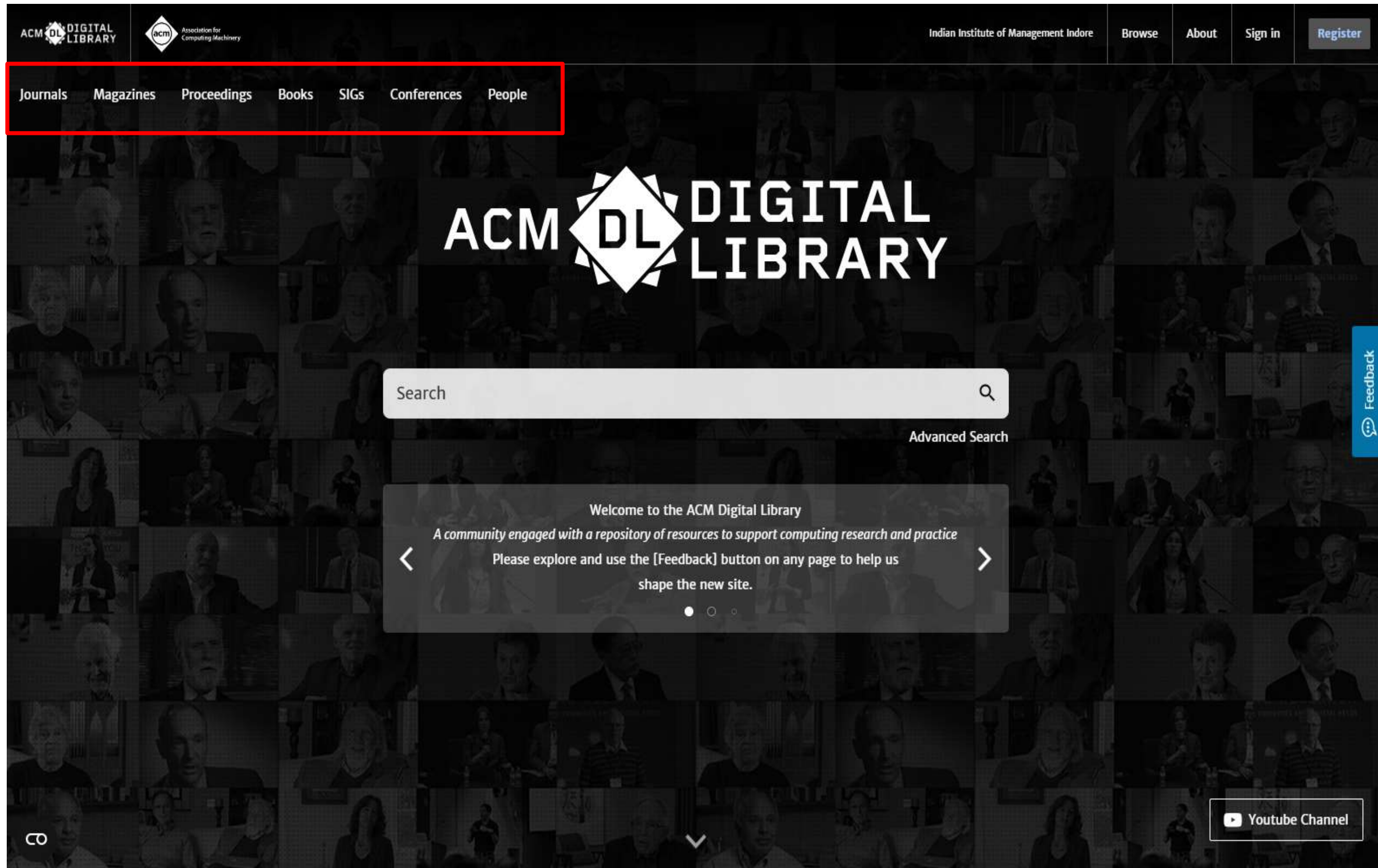
Library Page

- Visit the library website. Click on electronic resources, then Alphabetical list of Electronic resources, click on **ACM Digital Library**.



The ACM Digital Library (DL) is the world's most comprehensive database of full-text articles and bibliographic literature covering computing and information technology. This renowned repository includes the complete collection of ACM publications plus an extended bibliographic database of core works in computing from scholarly publishers.

Homepage Navigation

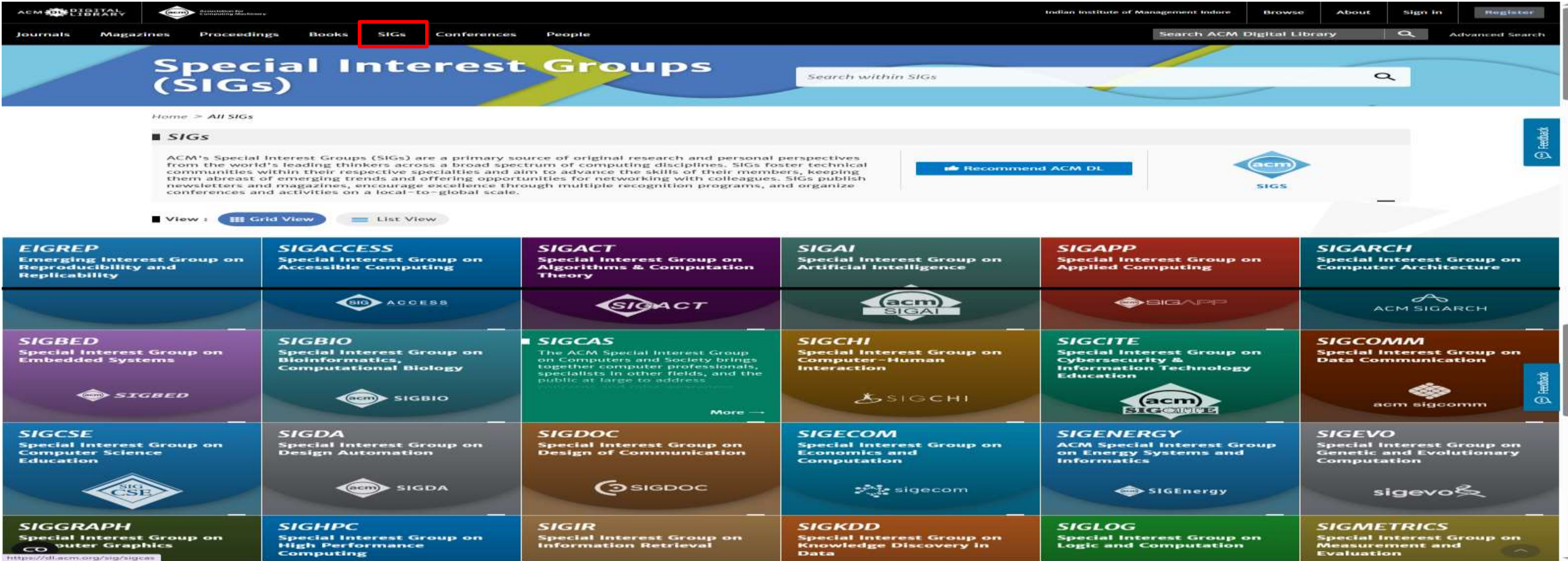


The screenshot shows the ACM Digital Library homepage. At the top left, there are logos for 'ACM DIGITAL LIBRARY' and 'Association for Computing Machinery'. To the right, there are links for 'Indian Institute of Management Indore', 'Browse', 'About', 'Sign in', and 'Register'. Below these, a navigation bar contains links for 'Journals', 'Magazines', 'Proceedings', 'Books', 'SIGs', 'Conferences', and 'People', which are highlighted with a red border. The main area features the 'ACM DL DIGITAL LIBRARY' logo, a search bar with a magnifying glass icon, and a link to 'Advanced Search'. A welcome message is displayed in a semi-transparent box: 'Welcome to the ACM Digital Library. A community engaged with a repository of resources to support computing research and practice. Please explore and use the [Feedback] button on any page to help us shape the new site.' A 'Feedback' button is visible on the right side. At the bottom right, there is a 'Youtube Channel' link.

- Click by content type or role (e.g., person, SIG, etc.)
- Explore dedicated pages for:
 - Magazines (e.g., Communications of ACM)
 - Conferences
 - SIGs

Special Interest Groups (SIGs)

- 38 SIGs covering major computing areas
- Provide:
 - Conferences
 - Publications
 - Community activities
- Homepage offers detailed SIG info



ACM DIGITAL LIBRARY

Indian Institute of Management Indore

Browse About Sign in Register

Journals Magazines Proceedings Books **SIGs** Conferences People

Search ACM Digital Library

Special Interest Groups (SIGs)

Search within SIGs

Home > All SIGs

SIGs

ACM's Special Interest Groups (SIGs) are a primary source of original research and personal perspectives from the world's leading thinkers across a broad spectrum of computing disciplines. SIGs foster technical communities within their respective specialties and aim to advance the skills of their members, keeping them abreast of emerging trends and offering opportunities for networking with colleagues. SIGs publish newsletters and magazines, encourage excellence through multiple recognition programs, and organize conferences and activities on a local-to-global scale.

Recommend ACM DL

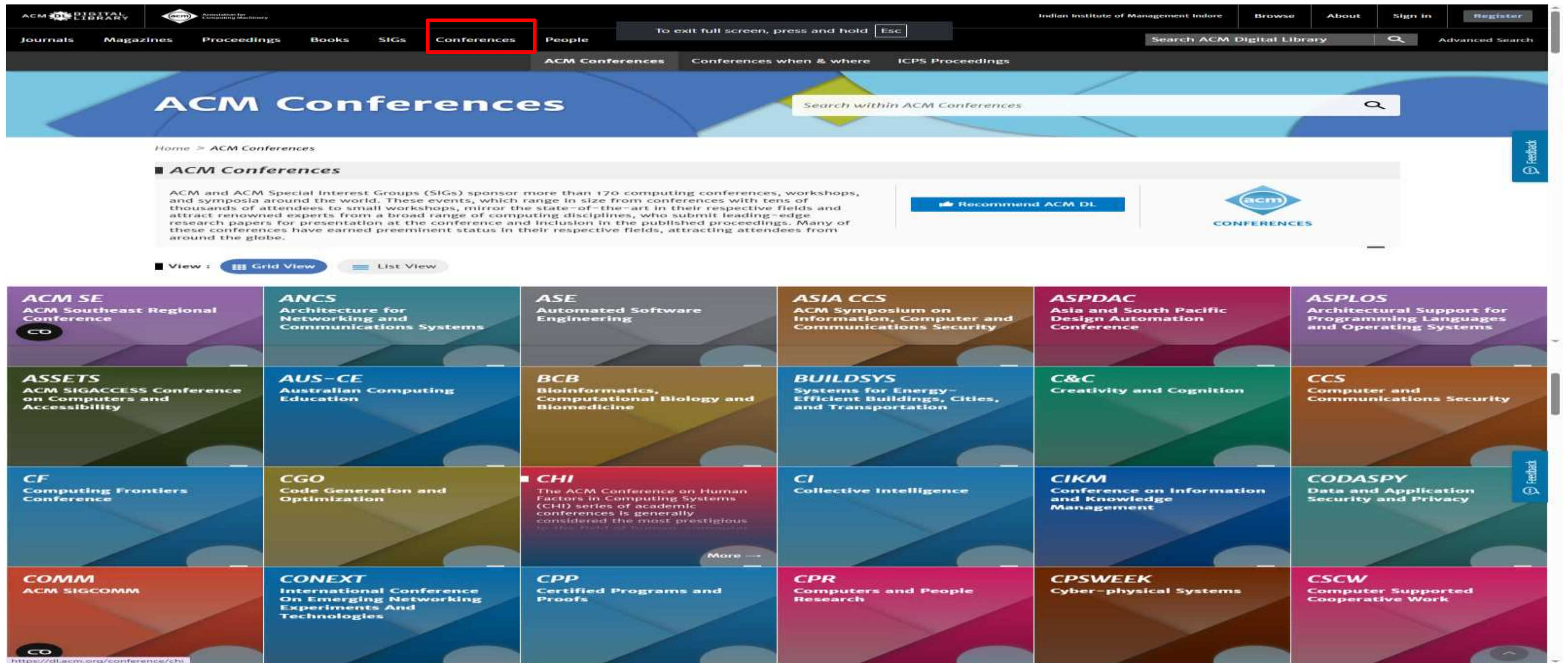
View: Grid View List View

EIGREP Emerging Interest Group on Reproducibility and Replicability	SIGACCESS Special Interest Group on Accessible Computing	SIGACT Special Interest Group on Algorithms & Computation Theory	SIGAI Special Interest Group on Artificial Intelligence	SIGAPP Special Interest Group on Applied Computing	SIGARCH Special Interest Group on Computer Architecture
SIGBED Special Interest Group on Embedded Systems	SIGBIO Special Interest Group on Bioinformatics, Computational Biology	SIGCAS The ACM Special Interest Group on Computers and Society brings together computer professionals, specialists in other fields, and the public at large to address computing and society challenges.	SIGCHI Special Interest Group on Computer-Human Interaction	SIGCITE Special Interest Group on Cybersecurity & Information Technology Education	SIGCOMM Special Interest Group on Data Communication
SIGCSE Special Interest Group on Computer Science Education	SIGDA Special Interest Group on Design Automation	SIGDOC Special Interest Group on Design of Communication	SIGECOM Special Interest Group on Economics and Computation	SIGENERGY ACM Special Interest Group on Energy Systems and Informatics	SIGEVO Special Interest Group on Genetic and Evolutionary Computation
SIGGRAPH Special Interest Group on Computer Graphics	SIGHPC Special Interest Group on High Performance Computing	SIGIR Special Interest Group on Information Retrieval	SIGKDD Special Interest Group on Knowledge Discovery in Data	SIGLOG Special Interest Group on Logic and Computation	SIGMETRICS Special Interest Group on Measurement and Evaluation

<https://dl.acm.org/sig/sigcas>

Conferences & Events

- 170+ conferences
- Sponsored by ACM & SIGs
- Access conference content directly from conference tab

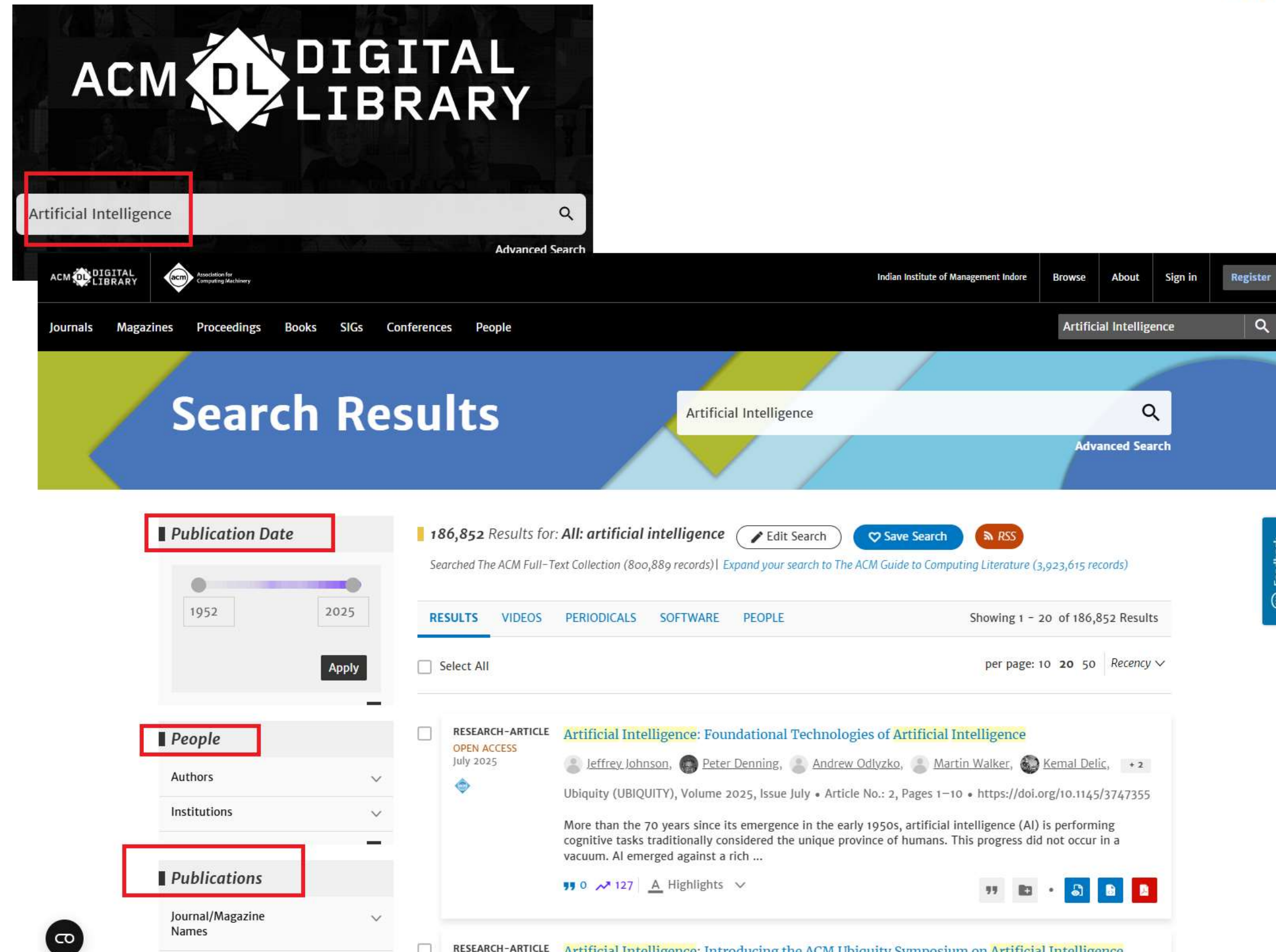


The screenshot displays the ACM Digital Library's 'Conferences' section. The top navigation bar includes links for Journals, Magazines, Proceedings, Books, SIGs, Conferences (highlighted with a red box), and People. A search bar is present on the right. Below the navigation bar, the 'ACM Conferences' section is introduced with a descriptive paragraph and a 'Recommend ACM DL' button. The main content area features a grid of 24 conference tiles, each representing a different conference. The tiles are arranged in a 4x6 grid. The first row includes ACM SE, ANCS, ASE, ASIA CCS, ASPDAC, and ASPLOS. The second row includes ASSETS, AUS-CE, BCB, BUILDSYS, C&C, and CCS. The third row includes CF, CGO, CHI (highlighted with a red box), CI, CIKM, and CODASPY. The fourth row includes COMM, CONEXT, CPP, CPR, CPSWEEK, and CSCW. Each tile contains the conference name, acronym, and a brief description. A 'More' link is visible on the CHI tile. The bottom of the page shows a URL: <https://dl.acm.org/conference/chi>.

Conference Name	Acronym	Description
ACM Southeast Regional Conference	CO	
Architecture for Networking and Communications Systems	ANCS	
Automated Software Engineering	ASE	
ACM Symposium on Information, Computer and Communications Security	ASIA CCS	
Asia and South Pacific Design Automation Conference	ASPAC	
Architectural Support for Programming Languages and Operating Systems	ASPLOS	
ACM SIGACCESS Conference on Computers and Accessibility	ASSETS	
Australian Computing Education	AUS-CE	
Bioinformatics, Computational Biology and Biomedicine	BCB	
Systems for Energy-Efficient Buildings, Cities, and Transportation	BUILDSYS	
Creativity and Cognition	C&C	
Computer and Communications Security	CCS	
Computing Frontiers Conference	CF	
Code Generation and Optimization	CGO	
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.	CHI	
Collective Intelligence	CI	
Conference on Information and Knowledge Management	CIKM	
Data and Application Security and Privacy	CODASPY	
ACM SIGCOMM	COMM	
International Conference On Emerging Networking Experiments And Technologies	CONEXT	
Certified Programs and Proofs	CPP	
Computers and People Research	CPR	
Cyber-physical Systems	CPSWEEK	
Computer Supported Cooperative Work	CSCW	

Search & Filters

- Filter by:
 - Publication date
 - Author/institution
 - Type
 - Reproducibility badge
- Use basic or advanced search tools



The screenshot displays the ACM Digital Library search results for the query "Artificial Intelligence". The page features a dark header with the ACM Digital Library logo and navigation links. A search bar at the top contains the query "Artificial Intelligence". Below the header, a navigation bar lists various publication types: Journals, Magazines, Proceedings, Books, SIGs, Conferences, and People. The main content area is titled "Search Results" and shows 186,852 results for the query. The results are displayed in a list format, with the first result being a research article titled "Artificial Intelligence: Foundational Technologies of Artificial Intelligence" by Jeffrey Johnson, Peter Denning, Andrew Odlyzko, Martin Walker, and Kemal Delic. The article is published in Ubiquity (UBIQUITY), Volume 2025, Issue July, Article No. 2, Pages 1-10. The article is available as an open access document. The page also includes a sidebar with filters for Publication Date, People, and Publications. The Publication Date filter shows a range from 1952 to 2025. The People filter shows a list of authors. The Publications filter shows a list of journal/magazine names. The page also includes a "Select All" button and a "per page" dropdown menu.

Advanced Search in Action

- Example: Search “Artificial Intelligence” + Last 5 Years
- Access:
 - Bibliometrics
 - Citation counts
 - Download metrics

ACM DIGITAL LIBRARY

Association for Computing Machinery

Indian Institute of Management Indore

Browse

About

Sign In

Register

Journals

Magazines

Proceedings

Books

SIGs

Conferences

People

Search ACM Digital Library

Advanced Search

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

Search items from:

The ACM Full-Text collection

Search Within

Title

Artificial Intelligence

Filters

Published in

Match All

Enter Search term

Publication Date

Please Select

Past year

Past 2 years

Past 5 years

Past 5 years

Custom Range

From: Select Month Select Year

To: Select Month Select Year

Clear

Search

SEARCH TIPS for text fields

Boolean searches

Use the boolean operators **AND**, **OR**, and **NOT** to narrow or broaden your search results.

By default, an AND relationship is assumed

i) between words within a single 'Search Within' term, and ii) between each 'Search Within' term added, unless you specify a different operator in the **Edit Query** input.

Searching for phrases

Enclose your search terms within **double** quotation marks (" ") to search for an exact match of that phrase.

If no quotation marks are used, search results will be populated with publications that contain your search terms somewhere in the text.

For example, if you search for "machine learning" the search engine will limit the results to publications that contain this exact phrase.

Curly quotes (" ") are also acceptable eg. "machine learning"

NOTE 1: opening and closing quotes must be of the same type; curly or straight. Please avoid entering "machine learning"

NOTE 2: single quotation marks (' ') are ignored and will not return exact phrase matches.

Wildcards

Use an asterisk (*) to specify any number of unknown characters. For example, if you search for **comput***, the search engine will provide results that contain words such as compute, computation, computing, etc.

Use a question mark (?) to specify any single unknown character. For example, if you search for **compute?**, the search engine will provide results that contain words such as computer or computed but not computers because the question mark represents only one character.

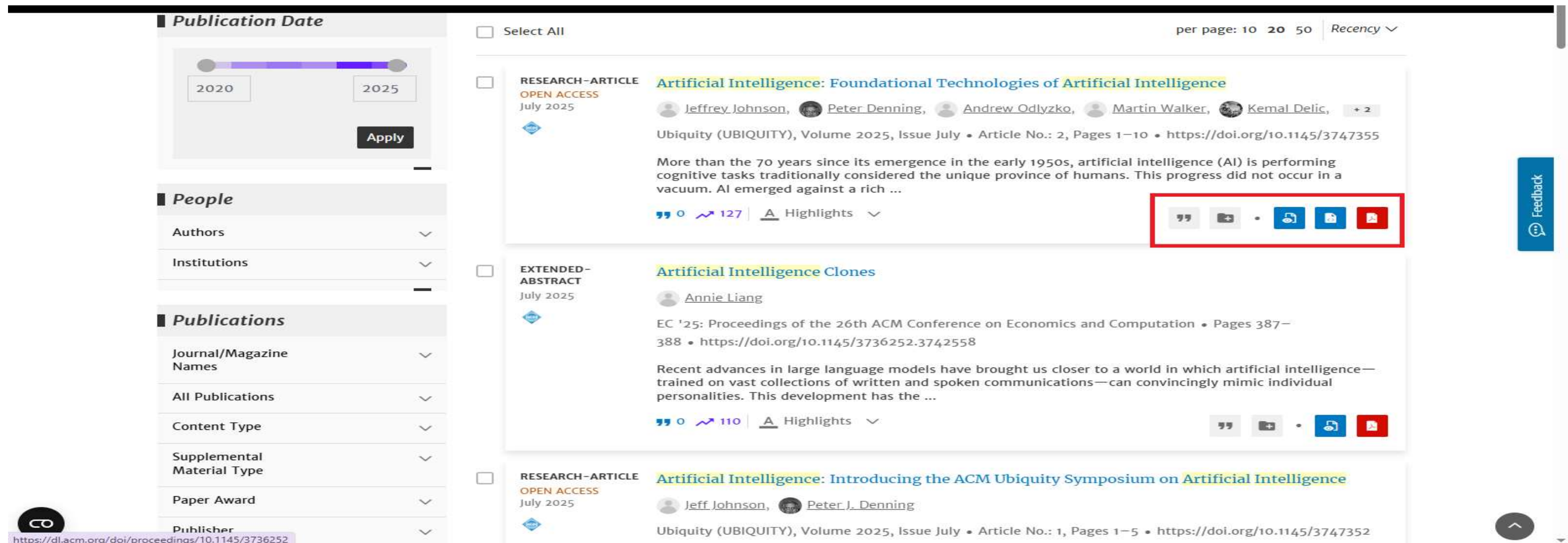
NOTE: Wildcards cannot be used at the start of a search term or when searching for phrases within quotes.

Special Characters

The following characters have a special meaning when they appear in a query:

Saving Searches & Profiles

- **Benefits:**
- Export citations
- Save to binder
- View online with eReader
- You can also download the PDF by clicking on the download symbol shown in the red box below the image.



The screenshot displays the ACM Digital Library search results interface. On the left, there are three filter panels: 'Publication Date' with a date range slider from 2020 to 2025 and an 'Apply' button; 'People' with dropdowns for 'Authors' and 'Institutions'; and 'Publications' with dropdowns for 'Journal/Magazine Names', 'All Publications', 'Content Type', 'Supplemental Material Type', 'Paper Award', and 'Publisher'. The main search results area shows three entries. The first entry, 'Artificial Intelligence: Foundational Technologies of Artificial Intelligence', is a 'RESEARCH-ARTICLE' with 'OPEN ACCESS' status, dated July 2025, by Jeffrey Johnson, Peter Denning, Andrew Odlyzko, Martin Walker, and Kemal Delic. It is from Ubiquity (UBIQUITY), Volume 2025, Issue July, Article No.: 2, Pages 1–10. The second entry, 'Artificial Intelligence Clones', is an 'EXTENDED-ABSTRACT' from July 2025 by Annie Liang, from EC '25: Proceedings of the 26th ACM Conference on Economics and Computation, Pages 387–388. The third entry, 'Artificial Intelligence: Introducing the ACM Ubiquity Symposium on Artificial Intelligence', is a 'RESEARCH-ARTICLE' with 'OPEN ACCESS' status, dated July 2025, by Jeff Johnson and Peter J. Denning, from Ubiquity (UBIQUITY), Volume 2025, Issue July, Article No.: 1, Pages 1–5. Each entry has a red box highlighting the citation management icons: a quote icon, a plus icon, a document icon, and a PDF icon. The bottom left corner shows a URL: <https://dl.acm.org/doi/proceedings/10.1145/3736252>. The bottom right corner has a 'Feedback' button and a page number '9'.

Note:

If you are residing outside the campus? then use our OpenAthens facility to access **ACM Digital Library**.

<https://my.openathens.net/auth>

Contact library for OpenAthens account.



Thank You

Please write back at
library@iimidr.ac.in
for further help/clarification.

