iGroup

ACM DL DIGITAL LIBRARY

ACM電腦相關領域全文資料庫
教育訓練

長智文化事業有限公司(iGroup Taiwan)
主講人:籃凱騰

課程大綱

- ACM簡介
- ACM新出版品 – ACM Books
- ACM Digital Library簡介
- ACM Digital Library使用介紹
- ACM Mobile App

ACM簡介

ACM Digital Library簡介

ACM簡介

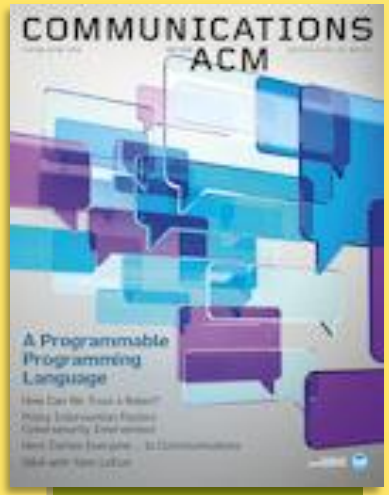
Association for Computing Machinery

- 成立於1947年
- 為非營利的學會，著重在推廣電腦科學作為一門科學和專業

ACM簡介

- 超過11萬個會員，遍佈世界各地190個國家

ACM簡介



Magazines

Journals

Proceedings

- 主要的活動包括出版學術出版品，如期刊、雜誌、新聞簡訊(newsletter)、會議論文集，與電子資料庫(Dgital Library)

ACM簡介

Conferences

Workshops

Symposia

- 在電腦科學領域重要研討會的主辦者
- 每年舉辦超過275場活動(會議、研討會、專題討論會)，產生500冊記錄

ACM新出版品

- 與Morgan & Claypool合作出版
- Collection I – 預計將有25本電子書(陸續出版中)
- 該系列最初將專注於四類型圖書：
  - (1). 研究生層級之教科書
  - (2). 研究專書 -- 提供成熟和新興領域的概述
  - (3). 從業人員層級的專業書籍
  - (4). 專論計算機史與計算機對社會影響之書籍
- Digital library 之額外加購選擇

ACM Digital Library簡介

- **ACM Digital Library是一個三合一的資料庫：**
  - 由ACM本身及其附屬機構所出版的全文文章
  - 提供電腦文獻指引(the Guide to Computing Literature)，涵蓋整個電腦領域的文摘與和索引服務
  - 提供分析工具來幫助分析電腦科學領域出版品、作者及機構
- **在ACM Digital出版的內容適合於：**
  - 從業者
  - 研究人員
  - 教育者
  - 學生

iGroup

ACM Digital Library簡介

- 490,000+全文文章
- 2,750,000+書目資料
- 6,000+多媒體文件
- 每年出版20,000+全文文章
- 每年增加500多場會議論文資料

ACM Digital Library – 主題領域

- Artificial Intelligence
- Cloud Computing
- Graphics/Imaging
- Gaming
- eLearning
- Interaction Design
- Communication
- Data mining
- Mobile Computing
- Databases
- Design Automation

ACM Digital Library – 主題領域

- Embedded Systems
- Networking
- Hardware
- Human Computer Interaction
- Wireless/Mobility
- Computer Architecture
- Data Structures
- Distributed Computing
- Security
- Software
- Network Architecture
- …其他更多領域

iGroup

ACM Digital Library
使用介紹

ACM DIGITAL LIBRARY

SIGN IN SIGN UP

SEARCH

The ACM Digital Library is a research, discovery and networking platform containing:

- The **Full-Text Collection** of all ACM publications, including journals, conference proceedings, technical magazines, newsletters and books.
- A collection of curated and **hosted full-text** publications from select publishers.
- **The ACM Guide to Computing Literature**, a comprehensive bibliographic database focused exclusively on the field of computing.
- A richly interlinked set of **connections** among authors, works, institutions, and specialized communities.

- Using the ACM Digital Library
- For Consortia Administrators

Announcements

Reproducibility in ACM Publications

ACM Review and Badging Policy

Sloan Project ◆◆◆ ACM Digital Library Pilot Integrations:

- ACM Pilot Demo 1 - Collective Knowledge: Packaging and Sharing
- ACM Pilot Demo 2 - OCCAM: Sharing and Modification
- ACM Pilot Demo 3 - Code Ocean: Code Modification and Derivation

New Digital Library Resource Center

Please find our redesigned DL resource center at http://libraries.acm.org

Advanced Search

Browse the ACM Publications:

- Journals/Transactions
- Magazines
- Proceedings
- ACM Books

Browse the Special Interest Groups:

- Special Interest Groups (SIGs)

Browse the Conferences:

- Recent and Upcoming Conferences
- Conference Listing

Browse the Special Collections:

- ACM International Conference Proceeding Series (ICPS)
- Classic Book Series
- ACM Oral History interviews
- ACM Curricula Recommendations
- NSF Workshop Reports

Browse the Hosted Content

Browse all literature by type [select a type]

Browse all literature by Publisher

Browse by the ACM Computing Classification System

The Encyclopedia of Computer Science
"...is the definitive reference in computer science and technology..."

ACM BOOKS a dynamic new series of advanced level books in computer science, published by ACM in collaboration with Morgan & Claypool Publishers.

learn more about the program | check out the books

The ACM DL app for Android, iOS and Windows is now available (and free).

As an ACM DL user:

1. Sign-in or Sign-up to the ACM DL with your ACM Web Account now.
2. Install the ACM DL app onto your device.
3. Sign in to the ACM DL app with your ACM Web Account.

DONE—You now have access to the ACM DL on your mobile device.

GET IT ON Google play | Download on the App Store | Download from Windows Phone Store

Recently loaded issues and proceedings:
(available in the DL within the past 2 weeks)

ACM Transactions on Accessible Computing (TACCESS)
Volume 11 Issue 1

ACM Transactions on Algorithms (TALG)
Volume 14 Issue 2

ACM Transactions on Database Systems (TODS)
Volume 43 Issue 1

Queue
Volume 16 Issue 1

Ubiquity

Institutional Profile Pages Beta
ACM releases new feature giving snapshot of an Institution's contribution to the field.

Computing Reviews

Access critical reviews of computing literature.

Become a reviewer for Computing Reviews

ACM DIGITAL LIBRARY

SIGN IN SIGN UP

SEARCH

ACM Journals/Transactions

Search within the ACM Journals: SEARCH

CSUR ACM Computing Surveys (CSUR)

These comprehensive, readable tutorials and survey papers give guided tours through the literature and explain topics to those who seek to learn the basics of areas outside their specialties. The carefully planned and presented introductions in *Computing Surveys (CSUR)* are also an excellent way for professionals to develop perspectives on, and identify trends in complex technologies. Recent issues have covered image understanding, software reusability, and object and relational database topics.

IMWUT Proceedings of the ACM on Interactive, Mobile, Wearable and Ubiquitous Technologies

The Proceedings of the ACM on Interactive, Mobile, Wearable and Ubiquitous Technologies (IMWUT) is a premier journal series for research relevant to the post-PC era. Computing technology is becoming increasingly pervasive; embedded throughout the environment as well as in mobile devices, wearables, and the Internet of Things. This is leading to a transformative change in the utility that technology can provide to users and societies, and how people relate to technology. IMWUT covers a broad range of topics relevant to this change, such as mobile systems, wearable technologies and intelligent environments. The scope includes research contributions in systems and infrastructures, new hardware and sensing techniques, and studies of user experiences and societal impact. IMWUT also welcomes contributions on new methodologies and tools, theories and models, as well as visionary and survey papers that help advance the field.

JACM Journal of the ACM (JACM)

The *Journal of the ACM (JACM)* provides coverage of the most significant work on principles of computer science, broadly construed. The scope of research covered encompasses contributions of lasting value to any area of computer science. To be accepted, a paper must be judged to be truly outstanding in its field. JACM is interested in work in core computer science and in work at the boundaries, both the boundaries of subdisciplines of computer science and the boundaries between computer science and other fields.

JDIQ Journal of Data and Information Quality (JDIQ)

JDIQ's mission is to publish high quality articles that make a significant and novel contribution to the field of data and information quality. JDIQ welcomes research contributions on the following areas, but not limited to: Information Quality in the Enterprise Context; Database related technical solutions for Information Quality; Information Quality in the context of Computer Science and Information Technology; Information Curation.

JDIQ accepts research conducted using a wide variety of methods ranging from positivists to interpretive methods, systems building descriptions, and database theory, as well as statistical analysis, mathematical modeling, quasi experimental methods, hermeneutics, action research, and case study. JDIQ accepts diverse research methods that are customary in different research backgrounds and traditions, both quantitative and qualitative. Research papers need to demonstrate the use of a rigorous method or methods. Research papers also need to provide valuable and relevant implications for applying their findings and solutions in practice.

ACM DIGITAL LIBRARY

SIGN IN SIGN UP

SEARCH

ACM Journals/Transactions

JACM Journal of the ACM (JACM)

The *Journal of the ACM (JACM)* provides coverage of the most significant work on principles of computer science, broadly construed. The scope of research covered encompasses contributions of lasting value to any area of computer science. To be accepted, a paper must be judged to be truly outstanding in its field. JACM is interested in work in core computer science and in work at the boundaries, both the boundaries of subdisciplines of computer science and the boundaries between computer science and other fields.

Search within JACM: SEARCH

About | Award Winners | Authors | Affiliations | Publication Archive

JACM subject areas

Complexity classes Computational complexity and cryptography Computations on matrices Design and analysis of algorithms Discrete mathematics Formal languages and automata theory Grammars and context-free languages Logic Models of computation Ordinary differential equations Queueing theory Randomness, geometry and discrete structures Scheduling algorithms Sequential decision making Sorting and searching

Bibliometrics: publication history

Publication years	1954-2018
Publication count	2,880
Citation Count	91,300
Available for download	2,880
Downloads (6 Weeks)	11,095
Downloads (12 Months)	97,773
Downloads (cumulative)	2,259,251
Average downloads per article	784.46
Average citations per article	31.70

Top 10 Downloaded Articles (past 6 weeks) / Top 10 Most Cited Articles

The Applied Pi Calculus: Mobile Values, New Names, and Secure Communication - 2017
Martín Abadi, Bruno Blanchet, Cédric Fournet
Downloaded 174 times

Robust principal component analysis? - 2011
Emmanuel J. Candès, Xiaodong Li, Yi Ma, John Wright

Award Winners

ACM Journals/Transactions

JACM Journal of the ACM (JACM)

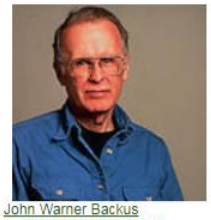
The *Journal of the ACM (JACM)* provides coverage of the most significant work on principles of computer science, broadly construed. The scope of research covered encompasses contributions of lasting value to any area of computer science. To be accepted, a paper must be judged to be truly outstanding in its field. JACM is interested in work in core computer science and in work at the boundaries, both the boundaries of subdisciplines of computer science and the boundaries between computer science and other fields.

Search within JACM: SEARCH

About | **Award Winners** | Authors | Affiliations | Publication Archive

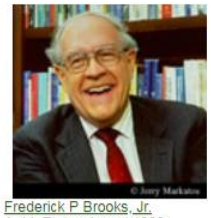
A. M. Turing Award

點選姓名連結至Author Profile



John Warner Backus
A. M. Turing Award 1977

Manuel Blum
A. M. Turing Award 1995



Frederick P Brooks, Jr.
A. M. Turing Award 1999

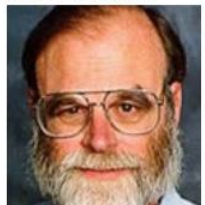
Edmund Melson Clarke, Jr.
A. M. Turing Award 2007

John Cocke
A. M. Turing Award 1987

Stephen A Cook
A. M. Turing Award 1982

Fernando José Corbató
A. M. Turing Award 1990

E Allen Emerson
A. M. Turing Award 2007



John Warner Backus

Wikipedia Entry

Affiliation history
- IBM, USA
- Fujitsu Services Limited
- Delft University of Technology
- IBM Almaden Research Center

Bibliometrics: publication history

Average citations per article	48.04
Citation Count	1,105
Publication count	23
Publication years	1954-2007
Available for download	12
Average downloads per article	2,195.75
Downloads (cumulative)	26,349
Downloads (12 Months)	2,555
Downloads (6 Weeks)	323

A.M. TURING acm LAUREATE

SEARCH

Search Author's Publications

ROLE
- Author only

AUTHOR'S COLLEAGUES
See all colleagues of this author

SUBJECT AREAS
See all subject areas

KEYWORDS
See all author supplied keywords

CONTACT US

AUTHOR PROFILE PAGES
Project background

23 results found Export Results: bibtex | endnote | acmref | csv

Result 1 – 20 of 23 Result page: **1** 2

Sort by: publication date

1 Can programming be liberated from the von Neumann style?: a functional style and its algebra of programs

John Backus

January 2007 ACM Turing award lectures

Publisher: ACM

Bibliometrics:

Citation Count: 6
Downloads (6 Weeks): 67, Downloads (12 Months): 513, Downloads (Overall): 2,434

Full text available: PDF

Conventional programming languages are growing ever more enormous, but not stronger. Inherent defects at the most basic level cause them to be both fat and weak: their primitive word-at-a-time style of programming inherited from their common ancestor--the yon Neumann computer, their close coupling of semantics to state transitions, their division ...

Keywords: applicative computing systems, program termination, von Neumann languages, APL, metacomposition, von Neumann computers, applicative state transition systems, functional forms, program correctness, program transformation, programming languages, Algol, algebra of programs, combining forms, functional programming, models of computing systems

Author Profile

ACM DIGITAL LIBRARY

SIGN IN SIGN UP

SEARCH

ACM Journals/Transactions

JACM Journal of the ACM (JACM)

The *Journal of the ACM (JACM)* provides coverage of the most significant work on principles of computer science, broadly construed. The scope of research covered encompasses contributions of lasting value to any area of computer science. To be accepted, a paper must be judged to be truly outstanding in its field. JACM is interested in work in core computer science and in work at the boundaries, both the boundaries of subdisciplines of computer science and the boundaries between computer science and other fields.

Search within JACM: SEARCH

About | Award Winners | **Authors** | Affiliations | Publication Archive

Filter by name:

First Name	Last Name	Paper Counts
Seymour	Ginsburg	23
Christos,	Papadimitriou	
Robert	Tarjan	
Joseph	Halpern	
Victor	Vianu	
Mihalis	Yannakakis	17
Ronald	Fagin	16
Zvi	Galil*	16
Nancy	Lynch	16
Jeffrey	Ullman	16
Edward	Coffman	15
Georg	Gottlob	15
Arnold	Rosenberg	15
Hagit	Attiya	14

點選姓名連結
至Author Profile

Institutional Profile

SIGN IN SIGN UP

SEARCH

ACM Journals/Transactions

JACM Journal of the ACM (JACM)

The *Journal of the ACM (JACM)* provides coverage of the most significant work on principles of computer science, broadly construed. The scope of research covered encompasses contributions of lasting value to any area of computer science. To be accepted, a paper must be judged to be truly outstanding in its field. JACM is interested in work in core computer science and in work at the boundaries, both the boundaries of subdisciplines of computer science and the boundaries between computer science and other fields.

Search within JACM: SEARCH

About | Award Winners | Authors | **Affiliations** | Publication Archive

Filter by Affiliation:

Affiliation	Paper Counts
Massachusetts Institute of Technology	171
Nokia Bell Labs	151
IBM Thomas J. Watson Research Center	149
Stanford University	127
University of California, Berkeley	121
Carnegie Mellon University	105
Technion - Israel Institute of Technology	100
Princeton University	99
Tel Aviv University	87
Cornell University	80
IBM Almaden Research Center	78
University of California, Los Angeles	65
University of Waterloo	56
Harvard University	55

點選單位名稱連結
Institutional Profile

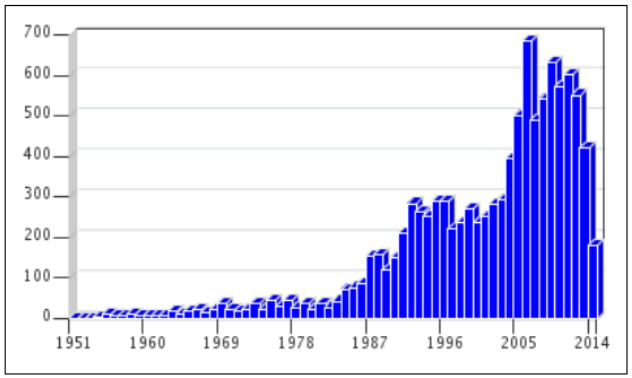
Institutional Profile

Institutional Profile: Massachusetts Institute of Technology

What is an Institutional Profile? BETA

About | Award Winners | Authors | Collaborative Institutions | Publication Archive | ACM SIGs | Papers

Published items by year



Bibliometrics: publication history

Switch to overall percentile

Average citations per article	25.45
Citation Count	309,594
Publication count	12,163
Publication years	1951-2018
Available for download	4,710
Average downloads per article	1,426.41
Downloads (cumulative)	6,718,380
Downloads (12 Months)	628,211
Downloads (6 Weeks)	81,197

Subject Areas

Computational geometry | Design and analysis of algorithms | Discrete mathematics | Human computer interaction | Human-centered computing | Machine learning | Mathematical optimization | Mobile networks | Network flows | Network protocols | Physical sciences and engineering | Randomness, geometry and discrete structures | Robotic planning | Theory of computation | Wireless access networks

Most Downloaded Articles (past 6 weeks) / **Most Cited Articles**

The Power of Abstraction - 2011
Barbara Liskov
Downloaded 1,021 times

Scratch: programming for all - 2009
Mitchel Resnick, John Maloney, Andrés Monroy-Hernández, Natalie Rusk, Evelyn Eastmond, Karen Brennan, Amon Millner, Eric Rosenbaum, Jay Silver, Brian Silverman, Yasmin Kafai
Downloaded 1,003 times

Reimagining the avatar dream: modeling social identity in digital media - 2017
D. Fox Harrell, Chong-U Lim
Downloaded 988 times

Publication Archive (過刊)

ACM DIGITAL LIBRARY

SIGN IN SIGN UP

SEARCH

ACM Journals/Transactions

JACM Journal of the ACM (JACM)

The *Journal of the ACM (JACM)* provides coverage of the most significant work on principles of computer science, broadly construed. The scope of research covered encompasses contributions of lasting value to any area of computer science. To be accepted, a paper must be judged to be truly outstanding in its field. JACM is interested in work in core computer science and in work at the boundaries, both the boundaries of subdisciplines of computer science and the boundaries between computer science and other fields.

Search within JACM: SEARCH

About | Award Winners | Authors | Affiliations | **Publication Archive**

Journal of the ACM (JACM)

Archive

2018

Volume 65 Issue 3, March 2018 Issue-in-Progress
Volume 65 Issue 2, March 2018
Volume 65 Issue 1, January 2018

2017

Volume 64 Issue 6, November 2017
Volume 64 Issue 5, October 2017
Volume 64 Issue 4, September 2017
Volume 64 Issue 3, June 2017
Volume 64 Issue 2, June 2017
Volume 64 Issue 1, March 2017
Volume 63 Issue 6, February 2017

2016

Volume 63 Issue 5, December 2016
Volume 63 Issue 4, November 2016
Volume 63 Issue 3, September 2016

Journal of the ACM (JACM)
Volume 65 Issue 2, March 2018 table of contents

Editor: Éva Tardos Cornell University

Published in:

· Journal

JACM Journal of the ACM (JACM) archive

ACM New York, NY, USA

table of contents ISSN:0004-5411 EISSN:1557-735X

2018 Journal

Bibliometrics

· Citation Count: 0
· Downloads (cumulative): 416
· Downloads (12 Months): 416
· Downloads (6 Weeks): 354

Tools and Resources

Buy this Journal

Recommend the ACM DL to your organization

TOC Service: Email RSS

Save to Binder

Export Formats: BibTeX EndNote ACM Ref

Share:

Contact Us | Switch to single page view (no tabs)

Abstract | Source Materials | Authors | References | Cited By | Index Terms | Publication | Reviews | Comments | **Table of Contents**

Journal of the ACM (JACM)
Volume 65 Issue 2, March 2018

Table of Contents

previous issue | next issue

SECTION: **Social Choice**

Proving the Incompatibility of Efficiency and Strategyproofness via SMT Solving
Florian Brandl, Felix Brandt, Manuel Eberl, Christian Geist
Article No.: 6
doi>10.1145/3125642
Full text: PDF

Two important requirements when aggregating the preferences of multiple agents are that the outcome should be economically efficient and the aggregation mechanism should not be manipulable. In this article, we provide a computer-aided proof of a sweeping ... expand

SECTION: **Randomized Algorithms & Probabilistic Analysis**

Proving the Incompatibility of Efficiency and Strategyproofness via SMT Solving

Full Text: PDF Get this Article

Authors:
Florian Brandl Technische Universität München
Felix Brandt Technische Universität München
Manuel Eberl Technische Universität München
Christian Geist Technische Universität München

2018 Article
Research
Refereed

Bibliometrics
· Citation Count: 0
· Downloads (cumulative): 95
· Downloads (12 Months): 95
· Downloads (6 Weeks): 77

Published in:

· Journal
Journal of the ACM (JACM) JACM Homepage archive
Volume 65 Issue 2, March 2018
Article No. 6
ACM New York, NY, USA
table of contents doi>10.1145/3125642

Contact Us | Switch to single page view (no tabs)

Abstract Authors References Cited By Index Terms Publication Reviews Comments Table of Contents

Two important requirements when aggregating the preferences of multiple agents are that the outcome should be economically efficient and the aggregation mechanism should not be manipulable. In this article, we provide a computer-aided proof of a sweeping impossibility using these two conditions for randomized aggregation mechanisms. More precisely, we show that every efficient aggregation mechanism can be manipulated for all expected utility representations of the agents' preferences. This settles an open problem and strengthens several existing theorems, including statements that were shown within the special domain of assignment. Our proof is obtained by formulating the claim as a satisfiability problem over predicates from real-valued arithmetic, which is then checked using a satisfiability modulo theories (SMT) solver. To verify the correctness of the result, a minimal unsatisfiable set of constraints returned by the SMT solver was translated back into a proof in higher-order logic, which was automatically verified by an interactive theorem prover. To the best of our knowledge, this is the first application of SMT solvers in computational soci
choice.

ACM DIGITAL LIBRARY

SIGN IN SIGN UP

SEARCH

The ACM Digital Library is a research, discovery and networking platform containing:

- The **Full-Text Collection** of all ACM publications, including journals, conference proceedings, technical magazines, newsletters and books.
- A collection of curated and **hosted full-text** publications from select publishers.
- **The ACM Guide to Computing Literature**, a comprehensive bibliographic database focused exclusively on the field of computing.
- A richly interlinked set of **connections** among authors, works, institutions, and specialized communities.

- Using the ACM Digital Library
- For Consortia Administrators

Announcements

Reproducibility in ACM Publications

ACM Review and Badging Policy

Sloan Project ◆◆◆ ACM Digital Library Pilot Integrations:

- ACM Pilot Demo 1 - Collective Knowledge: Packaging and Sharing
- ACM Pilot Demo 2 - OCCAM: Sharing and Modification
- ACM Pilot Demo 3 - Code Ocean: Code Modification and Derivation

New Digital Library Resource Center

Please find our redesigned DL resource center at http://libraries.acm.org

Advanced Search

Browse the ACM Publications:

- Journals/Transactions
- Magazines
- Proceedings
- ACM Books

Browse the Special Interest Groups:

- Special Interest Groups (SIGs)

Browse the Conferences:

- Recent and Upcoming Conferences
- Conference Listing

Browse the Special Collections:

- ACM International Conference Proceeding Series (ICPS)
- Classic Book Series
- ACM Oral History interviews
- ACM Curricula Recommendations
- NSF Workshop Reports

Browse the Hosted Content

Browse all literature by type [select a type]

Browse all literature by Publisher

Browse by the ACM Computing Classification System

The Encyclopedia of Computer Science
"...is the definitive reference in computer science and technology..."

Proceedings of the 26th International Conference on World Wide Web

General Chairs: Rick Barrett W3Events
Rick Cummings Murdoch University
Program Chairs: Eugene Agichtein Emory University
Evgeniy Gabrilovich Google Research

2017 Proceeding

Bibliometrics

· Citation Count: 160
· Downloads (cumulative): 24,013
· Downloads (12 Months): 24,013
· Downloads (6 Weeks): 2,166

Publication of:
· Conference
WWW '17 26th International World Wide Web Conference
Perth, Australia — April 03 - 07, 2017
International World Wide Web Conferences Steering Committee Republic and Canton of Geneva, Switzerland ©2017

Contact Us | Switch to single page view (no tabs)

Abstract | Source Materials | Authors | References | Cited By | Index Terms | Publication | Reviews | Comments | Table of Contents

We welcome you to the WWW2017 conference, the 26th of the series, and only the second one to be held in Australia.

The annual World Wide Web Conference is the premier international forum to present and discuss progress in research, development, standards, and applications related to the Web. This conference is organised under the aegis of the International World Wide Web Conference Committee (IW3C2) in collaboration with local conference organisers in the host city, in this case, the four public universities in Western Australia: Curtin University, Murdoch University, the University of Western Australia and Edith Cowan University. This year, WWW 2017 is offered as the centerpiece of the inaugural Festiva of the Web in Perth, a week-long celebration.

WWW 2017 provides an opportunity to hear from the leaders of the web including three distinguished keynote speeches by world-class experts: Mark Pesce, Yoelle Maarek, and Melanie Johnston-Hollitt. There is a rich environment of technical activities, including 164 high quality papers in the Researc Tracks, 54 papers in the four alternate tracks, over 100 papers in 15 workshops, 13 tutorial sessions, a Ph.D. Symposium track comprising presentations by seven doctoral students, an Industry track consisting of 20 papers focused on applied research, 20 demonstrations, a W3C track examining the latest Web standards and emerging technologies and 64 posters with, for the first time, a number of these offered as e-posters to

瀏覽最新/即將舉辦的研討會

ACM DIGITAL LIBRARY

SIGN IN SIGN UP

SEARCH

The ACM Digital Library is a research, discovery and networking platform containing:

- The **Full-Text Collection** of all ACM publications, including journals, conference proceedings, technical magazines, newsletters and books.
- A collection of curated and **hosted full-text** publications from select publishers.
- **The ACM Guide to Computing Literature**, a comprehensive bibliographic database focused exclusively on the field of computing.
- A richly interlinked set of **connections** among authors, works, institutions, and specialized communities.

- Using the ACM Digital Library
- For Consortia Administrators

Announcements

Reproducibility in ACM Publications

ACM Review and Badging Policy

Sloan Project ◆◆◆ ACM Digital Library Pilot Integrations:

- ACM Pilot Demo 1 - Collective Knowledge: Packaging and Sharing
- ACM Pilot Demo 2 - OCCAM: Sharing and Modification
- ACM Pilot Demo 3 - Code Ocean: Code Modification and Derivation

New Digital Library Resource Center

Please find our redesigned DL resource center at http://libraries.acm.org

Advanced Search

Browse the ACM Publications:

- Journals/Transactions
- Magazines
- Proceedings
- ACM Books

Browse the Special Interest Groups:

- Special Interest Groups (SIGs)

Browse the Conferences:

- Recent and Upcoming Conferences
- Conference Listing

Browse the Special Collections:

- ACM International Conference Proceeding Series (ICPS)
- Classic Book Series
- ACM Oral History interviews
- ACM Curricula Recommendations
- NSF Workshop Reports

Browse the Hosted Content

Browse all literature by type [select a type]

Browse all literature by Publisher

Browse by the ACM Computing Classification System

The Encyclopedia of Computer Science
"...is the definitive reference in computer science and technology..."

瀏覽最新/即將舉辦的研討會

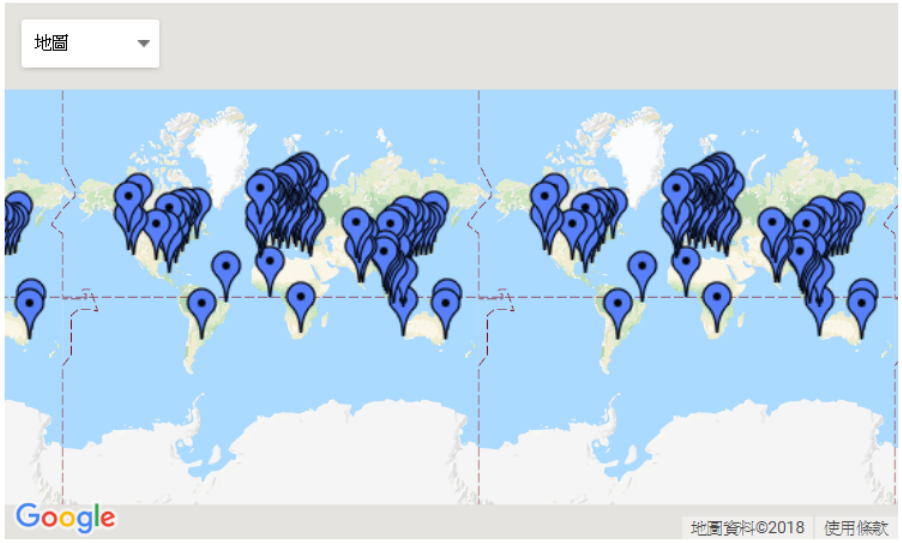
ACM DIGITAL LIBRARY

SIGN IN SIGN UP

SEARCH

ACM Conferences - past 12 months RSS

expand map



Upcoming Conferences RSS

ICIN '18 21st Innovations in Clouds, Internet and Networks
February 20 - 22, 2018
Paris, France

SIGCSE '18 The 49th ACM Technical Symposium on Computer Science Education
February 21 - 24, 2018
Baltimore, MD, USA

CGO '18 16th Annual IEEE/ACM International Symposium on Code Generation and Optimization
February 24 - 28, 2018
V?sendorf / Vienna, Austria

PPoPP '18 23nd ACM SIGPLAN Symposium on Principles and Practice of Parallel Programming
February 24 - 28, 2018
Vienna, Austria

FPGA '18 The 2018 ACM/SIGDA International Symposium on Field Programmable Gate Arrays

ACM Conference Proceedings - past 12 months: Filter by

[conference listing] | [proceeding listing]

Acronym	Proceeding Title	SIG Sponsors	Year
#SMSociety17	Proceedings of the 8th International Conference on Social Media & Society		2017
A-TEST 2017	Proceedings of the 8th ACM SIGSOFT International Workshop on Automated Software Testing	SIGSOFT	2017
AAMAS '17	Proceedings of the 16th Conference on Autonomous Agents and MultiAgent Systems		2017
ABAC '17	Proceedings of the 2nd ACM Workshop on Attribute-Based Access Control	SIGSAC	2017
ACE '18	Proceedings of the 20th Australasian Computing Education Conference		2018
ACI2017	Proceedings of the Fourth International Conference on Animal-Computer Interaction		2017
ACM SE '17	Proceedings of the SouthEast Conference		2017
ACM TUR-C '17	Proceedings of the ACM Turing 50th Celebration Conference - China		2017
ACM-BCB '17	Proceedings of the 8th ACM International Conference on Bioinformatics, Computational Biology,and Health Informatics	SIGBIO	2017
ACSAC 2017	Proceedings of the 33rd Annual Computer Security Applications Conference		2017

Quick Search --以iphone為例

ACM DIGITAL LIBRARY

SIGN IN SIGN UP

iphone SEARCH

The ACM Digital Library is a research, discovery and networking platform containing:

- The **Full-Text Collection** of all ACM publications, including journals, conference proceedings, technical magazines, newsletters and books.
- A collection of curated and **hosted full-text** publications from select publishers.
- **The ACM Guide to Computing Literature**, a comprehensive bibliographic database focused exclusively on the field of computing.
- A richly interlinked set of **connections** among authors, works, institutions, and specialized communities.

- Using the ACM Digital Library
- For Consortia Administrators

Announcements

Reproducibility in ACM Publications

ACM Review and Badging Policy
Sloan Project ◆◆◆ ACM Digital Library Pilot Integrations:

- ACM Pilot Demo 1 - Collective Knowledge: Packaging and Sharing
- ACM Pilot Demo 2 - OCCAM: Sharing and Modification
- ACM Pilot Demo 3 - Code Ocean: Code Modification and Derivation

New Digital Library Resource Center

Please find our redesigned DL resource center at http://libraries.acm.org

ACM BOOKS a dynamic new series of

Advanced Search

Browse the ACM Publications:

- Journals/Transactions
- Magazines
- Proceedings
- ACM Books

Browse the Special Interest Groups:

- Special Interest Groups (SIGs)

Browse the Conferences:

- Recent and Upcoming Conferences
- Conference Listing

Browse the Special Collections:

- ACM International Conference Proceeding Series (ICPS)
- Classic Book Series
- ACM Oral History interviews
- ACM Curricula Recommendations
- NSF Workshop Reports

Browse the Hosted Content

Browse all literature by type [select a type] ▼

Browse all literature by Publisher

Browse by the ACM Computing Classification System

The Encyclopedia of Computer Science
"...is the definitive reference in computer science and technology..."

Institutional Profile Pages Beta
ACM releases new feature giving snapshot of an Institution's contribution to the field

Quick Search -- 檢索結果

ACM DL DIGITAL LIBRARY

SIGN IN SIGN UP

iphone SEARCH

Searched for iphone [new search] [edit/save query] [advanced search]

Searched The ACM Full-Text Collection: 492,393 records [Expand your search to The ACM Guide to Computing Literature: 2,756,298 records]

408 results found Export Results: bibtex | endnote | acmref | csv

23 videos found

Refine by People
Names
Institutions
Authors
Reviewers

Refine by Publications
Publication Names
ACM Publications
All Publications
Content Formats
Publishers

Refine by Conferences
Sponsors
Events
Proceeding Series

Refine by Publication Year

2000s 201

Published Since 2007

Result 1 – 20 of 408 Result page: **1** 2 3 4 5 6 7 8 9 10 >>

Sort by: relevance

1 Constant connectivity, selective participation: mobile-social interaction of students and faculty

Dana Rotman

April 2010 CHI EA '10: CHI '10 Extended Abstracts on Human Factors in Computing Systems

Publisher: ACM

Bibliometrics: Citation Count: 3
Downloads (6 Weeks): 4, Downloads (12 Months): 35, Downloads (Overall): 356

Full text available: PDF

nd changing mediated
dents who use such
sors were affected by the

Refine by 人物、機構、出版品、研討會、出版年

2 A native iPhone packbot OCU

Rodrigo Gutierrez, Jeff Craighead

March 2009 HRI '09: Proceedings of the 4th ACM/IEEE international conference on Human robot interaction

Publisher: ACM

Bibliometrics: Citation Count: 5
Downloads (6 Weeks): 1, Downloads (12 Months): 21, Downloads (Overall): 579

Full text available: PDF

This video abstract discusses the details of the implementation of a Packbot operator control unit (OCU) using Apple's official iPhone SDK.

Keywords: iPhone, robot, touch screen

[result highlights]

Refine Search

iGroup

ACM DL DIGITAL LIBRARY

SIGN IN SIGN UP

iphone SEARCH

Searched for iphone [new search] [edit/save query] [advanced search]

Searched The ACM Full-Text Collection: 492,393 records [Expand your sear ords]

Refinements [remove all] click each refinement below to remove
Institutions: Google Inc.
Names: Priyantha, Bodhi

點一下不要的項目
就可移除

2 results found Export Results: bibtex | endnote | acmref | csv

Refine by People
Names
Institutions
Authors

Refine by Publications
Publication Names
ACM Publications
All Publications
Content Formats
Publishers

Refine by Conferences
Sponsors
Events
Proceeding Series

Refine by Publication Year

Result 1 – 2 of 2 Sort by: relevance

1 MELT '15: Proceedings of the 5th International Workshop on Mobile Entity Localization and Tracking in GPS-less Environments

November 2015

After a decade of research and development for GPS-less localization and tracking, there has been significant progress in location-awareness and location-based services around the world. Almost all cell phone platforms, Android, iPhone and Windows phones, have localization and tracking facilities. In addition, special hardware and infrastructure (e.g., RFID, UWB and ...

[result highlights]

2 MELT 2015 workshop report: the fifth ACM SIGSPATIAL International Workshop on Mobile Entity Localization and Tracking in GPS-less Environments (Seattle, Washington, USA - November 3, 2015)

Ying Zhang, Bodhi Priyantha

January 2016 SIGSPATIAL Special: Volume 7 Issue 3, November 2015

Publisher: ACM

Bibliometrics: Citation Count: 0
Downloads (6 Weeks): 2, Downloads (12 Months): 6, Downloads (Overall): 35

Full text available: PDF

After a decade of research and development for GPS-less localization and tracking, there has been significant progress in location-awareness and location-based services around the world. Almost all cell phone platforms, Android, iPhone and Windows phones, have localization and tracking facilities. In addition, special hardware and

Advanced Search

ACM DIGITAL LIBRARY

SIGN IN SIGN UP

SEARCH

The ACM Digital Library is a research, discovery and networking platform containing:

- The **Full-Text Collection** of all ACM publications, including journals, conference proceedings, technical magazines, newsletters and books.
- A collection of curated and **hosted full-text** publications from select publishers.
- **The ACM Guide to Computing Literature**, a comprehensive bibliographic database focused exclusively on the field of computing.
- A richly interlinked set of **connections** among authors, works, institutions, and specialized communities.

- Using the ACM Digital Library
- For Consortia Administrators

Announcements

Reproducibility in ACM Publications

ACM Review and Badging Policy

Sloan Project ◆◆◆ ACM Digital Library Pilot Integrations:

- ACM Pilot Demo 1 - Collective Knowledge: Packaging and Sharing
- ACM Pilot Demo 2 - OCCAM: Sharing and Modification
- ACM Pilot Demo 3 - Code Ocean: Code Modification and Derivation

New Digital Library Resource Center

Please find our redesigned DL resource center at http://libraries.acm.org

Advanced Search

Browse the ACM Publications:

- Journals/Transactions
- Magazines
- Proceedings
- ACM Books

Browse the Special Interest Groups:

- Special Interest Groups (SIGs)

Browse the Conferences:

- Recent and Upcoming Conferences
- Conference Listing

Browse the Special Collections:

- ACM International Conference Proceeding Series (ICPS)
- Classic Book Series
- ACM Oral History interviews
- ACM Curricula Recommendations
- NSF Workshop Reports

Browse the Hosted Content

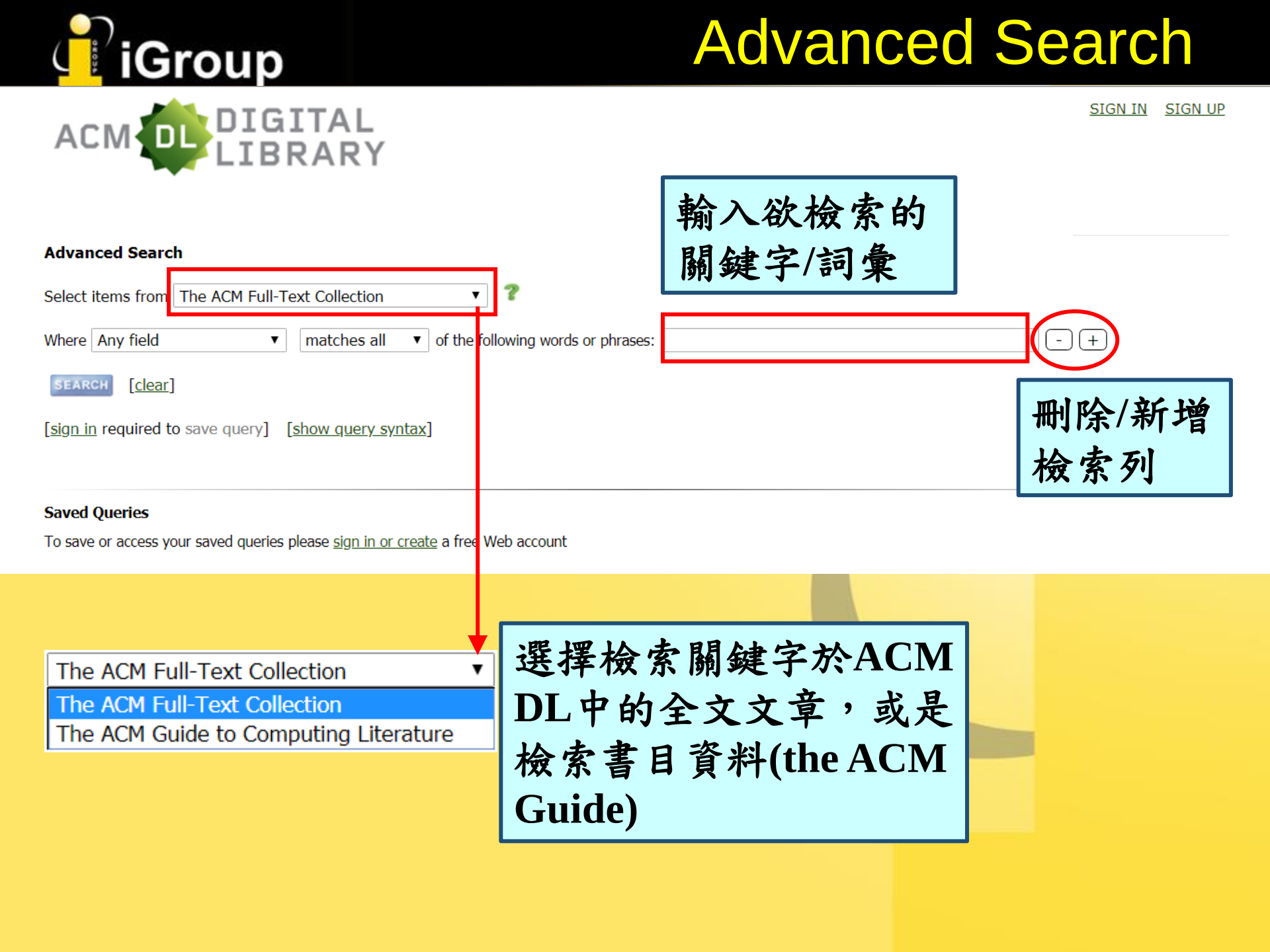
Browse all literature by type [select a type]

Browse all literature by Publisher

Browse by the ACM Computing Classification System

The Encyclopedia of Computer Science
"...is the definitive reference in computer science and technology..."

Advanced Search



Advanced Search

SIGN IN SIGN UP

Advanced Search

Select items from The ACM Full-Text Collection

Where Any field matches all of the following words or phrases:

Any field
- **Common Fields**
  - Any field
  - Title
  - Author
  - Abstract
  - Publication Year
  - Full-text
- **Additional Fields**
  - Artifact Badge
  - Author Affiliation
  - Author Keyword
  - Conference Location
  - Conference Sponsor
  - Funding Agency
  - Name (all roles)
  - Publisher
- **Codes**
  - ISBN/ISSN
  - DOI
- **Classification**

matches all
- matches all
- matches any
- matches none

選擇檢索字/詞彙的匹配方式

選擇欲檢索的欄位

建立個人帳號

iGroup

ACM DL DIGITAL LIBRARY

SIGN IN SIGN UP

SEARCH

The ACM Digital Library is a research, discovery and networking platform containing:

- The **Full-Text Collection** of all ACM publications, including journals, conference proceedings, technical magazines, newsletters and books.
- A collection of curated and **hosted full-text** publications from select publishers.
- **The ACM Guide to Computing Literature**, a comprehensive bibliographic database focused exclusively on the field of computing.
- A richly interlinked set of **connections** among authors, works, institutions, and specialized communities.

- Using the ACM Digital Library
- For Consortia Administrators

Announcements

Reproducibility in ACM Publications

ACM Review and Badging Policy

Sloan Project ◆◆◆ ACM Digital Library Pilot Integrations:

- ACM Pilot Demo 1 - Collective Knowledge: Packaging and Sharing
- ACM Pilot Demo 2 - OCCAM: Sharing and Modification
- ACM Pilot Demo 3 - Code Ocean: Code Modification and Derivation

New Digital Library Resource Center

Please find our redesigned DL resource center at http://libraries.acm.org

Advanced Search

Browse the ACM Publications:

- Journals/Transactions
- Magazines
- Proceedings
- ACM Books

Browse the Special Interest Groups:

- Special Interest Groups (SIGs)

Browse the Conferences:

- Recent and Upcoming Conferences
- Conference Listing

Browse the Special Collections:

- ACM International Conference Proceeding Series (ICPS)
- Classic Book Series
- ACM Oral History interviews
- ACM Curricula Recommendations
- NSF Workshop Reports

Browse the Hosted Content

Browse all literature by type [select a type]

Browse all literature by Publisher

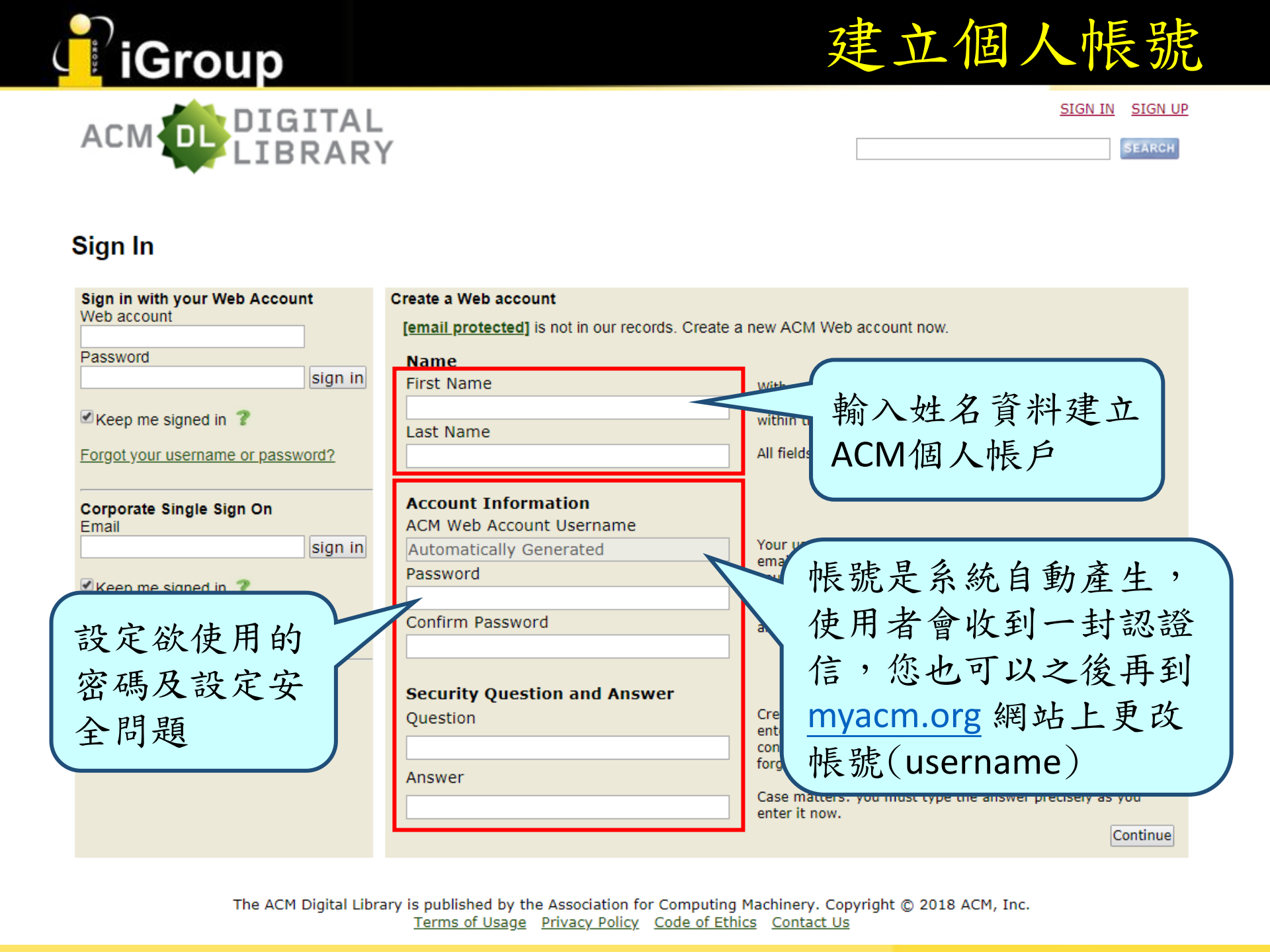
Browse by the ACM Computing Classification System

The Encyclopedia of Computer Science
"...is the definitive reference in computer science and technology..."

建立個人帳號


SIGN IN
SIGN UP
SEARCH
Sign In
Sign in with your Web Account
Web account
Password
sign in
Keep me signed in
Forgot your username
SSO for selected corporations
Sign in via your Institution
Find your Institution
Keep me signed in
Create a Web account
Email Address
continue
If you are an ACM or SIG Member or subscriber, the email address you provide must match the one we have on file for you; this will enable you to take full advantage of member benefits.
尚未有個人帳號者，於此輸入e-mail，開始註冊程序
已有個人帳號者，於此登入
The ACM Digital Library is published by the Association for Computing Machinery. Copyright © 2018 ACM, Inc.
Terms of Usage
Privacy Policy
Code of Ethics
Contact Us

建立個人帳號



登入個人帳號


iGroup
ACM DL DIGITAL LIBRARY
SIGN IN SIGN UP
SEARCH
Sign In
Sign in with your Web Account
Web account
Password
sign in
Keep me signed in
Forgot your username or password?
Corporate Single Sign On
Email
sign in
Keep me signed in
SSO for selected corporations
Sign in via your Institution
Find your Institution
Keep me signed in
Create a Web account
a free web account.
輸入剛註冊的個人帳號密碼登入
The ACM Digital Library is published by the Association for Computing Machinery. Copyright © 2018 ACM, Inc.
Terms of Usage Privacy Policy Code of Ethics Contact Us

登入個人帳號

我的個人書夾，使用者可將文章儲存至書夾中，點選 My Binders 即可查看之前存入的文章

登入後系統會顯示您的姓名，若使用完畢，請按下SIGH OUT 登出

Advanced Search

Browse the ACM Publications:

- Journals/Transactions
- Magazines
- Proceedings
- ACM Books

- **The ACM Guide to Computing Literature**, a comprehensive bibliographic database focused exclusively on the field of computing.
- A richly interlinked set of **connections** among authors, works, institutions, and specialized communities.

- Using the ACM Digital Library
- For Consortia Administrators

Browse the Special Collections:

- ACM International Conference Proceeding Series (ICPS)
- Classic Book Series
- ACM Oral History interviews
- ACM Curricula Recommendations
- NSF Workshop Reports

Browse the Hosted Content

Browse all literature by type [select a type]

Browse all literature by Publisher

Browse by the ACM Computing Classification System

Announcements

Reproducibility in ACM Publications

ACM Review and Badging Policy

Sloan Project ◆◆◆ ACM Digital Library Pilot Integrations:

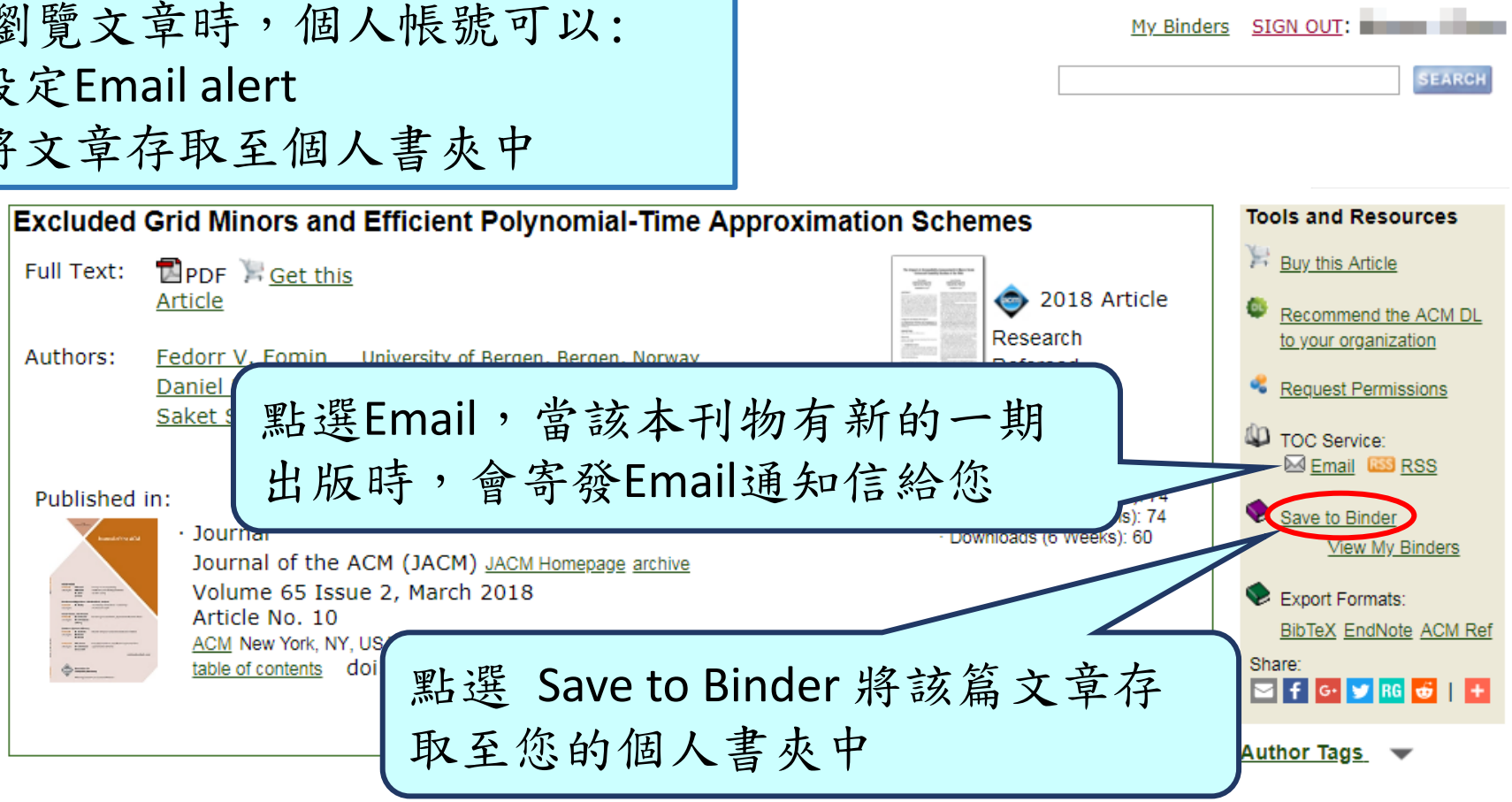
- ACM Pilot Demo 1 - Collective Knowledge: Packaging and Sharing
- ACM Pilot Demo 2 - OCCAM: Sharing and Modification
- ACM Pilot Demo 3 - Code Ocean: Code Modification and Derivation

The Encyclopedia of Computer Science
"...is the definitive reference in computer science and technology..."

New Digital Library Resource Center

個人帳號功能

於瀏覽文章時，個人帳號可以：
1.設定Email alert
2.將文章存取至個人書夾中



個人帳號功能

命名新書夾

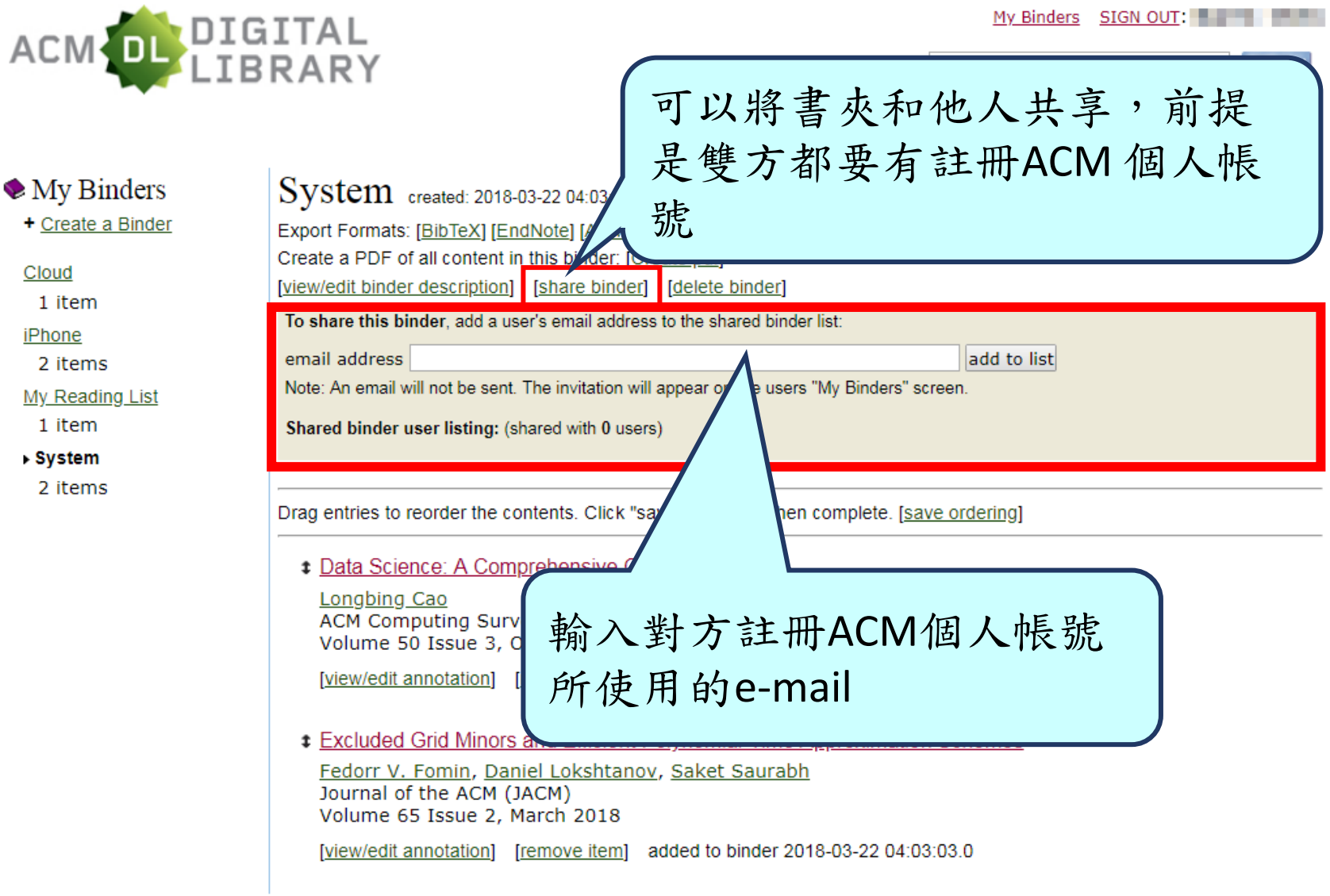
選擇儲存在已經建立的書夾

可記錄個人對文章的註記、心得

個人帳號功能

點選 My Binder 可進入個人書夾查看已存取的文章，並可選擇刪除已存的書夾/文章，或重新編輯註解

與別人分享My Binders



可以將書夾和他人共享，前提是雙方都要有註冊ACM 個人帳號

輸入對方註冊ACM個人帳號所使用的e-mail

與別人分享My Binders

ACM DIGITAL LIBRARY

My Binders SIGN OUT: [redacted]

SEARCH

My Binders
+ Create a Binder

Cloud
1 item
iPhone
2 items
My Reading List
1 item
▸ System
2 items

System created: 2018-03-22 04:03:02.0

Export Formats: [BibTeX] [EndNote] [ACM Ref]
Create a PDF of all content in this binder: [Create pdf]
[view/edit binder description] [share binder] [delete binder]

To share this binder, add a user's email address to the shared binder list:

email address add to list

Note: An email will not be sent. The invitation will appear on the users "My Binders" screen.

Shared binder user listing: (shared with **1** user)

email address	invited date	replied date	status	remove
[redacted]@igrouptaiwan.com	22-MAR-2018	22-MAR-2018	Invited	☐

remove checked users

Drag entries to reorder the contents. Click "save ordering" when complete. [save ordering]

↕ Data Science: A Comprehensive Overview
Longbing Cao
ACM Computing Surveys (CSUR)
Volume 50 Issue 3, October 2017
[view/edit annotation] [remove item] added to binder 2018-03-22 04:05:09.0

↕ Excluded Grid Minors and Efficient Polynomial-Time Approximation Schemes
Fedorr V. Fomin, Daniel Lokshtanov, Saket Saurabh
Journal of the ACM (JACM)
Volume 65 Issue 2, March 2018
[view/edit annotation] [remove item] added to binder 2018-03-22 04:03:03.0

接受別人分享的Binders

接受別人分享的Binders

iGroup

ACM DL DIGITAL LIBRARY

My Binders SIGN OUT: [redacted]

SEARCH

My Binders

+ Create a Binder

+ Cancel

You have been invited by the owners to share the following binders:

binder	owner	action
Games	Lan [redacted]	accept reject

save

Cloud
1 item

iPhone
2 items

My Reading List
1 item

System
2 items

Cloud created: 2014-09-24 05:22:42.0

Export Formats: [BibTeX] [EndNote] [ACM Ref]

Create a PDF of all content in this binder: [Create pdf]

[view/edit binder description] [share binder] [delete binder]

Drag entries to reorder the contents. Click "save ordering" when complete. [save ordering]

Interconnected Cloud Computing Environments: Challenges, Taxonomy, and Survey

Adel Nadjaran Toosi, Rodrigo N. Calheiros, Rajkumar Buyya

ACM Computing Surveys (CSUR)

Volume 47 Issue 1, July 2014

[view/edit annotation] [remove item] added to binder 2014-09-24 05:22:42.0

接受別人分享的Binders

iGroup

ACM DL DIGITAL LIBRARY

My Binders SIGN OUT: [redacted]

SEARCH

My Binders

+ Create a Binder

Cloud
1 item

Games
1 item

iPhone
2 items

My Reading List
1 item

System
2 items

Games owner: Lan [redacted] created: 2018-03-22 05:48:17.0

Export Formats: [BibTeX] [EndNote] [ACM Ref]

Create a PDF of all content in this binder: [Create pdf]

[view binder description] [remove binder]

Reconstructing the world in 3D: bringing games with a pur

Kathleen Tuite, Noah Snavely, Dun-Yu Hsiao, Adam M. [redacted]

HCOMP '10 Proceedings of the ACM SIGKDD Workshop [redacted] 2010

added to binder 2018-03-22 05:48:17.0

當你接受對方的邀請後，即可看到對方的書夾中存取的文章資訊

與 Computing Reviews搭配使用：途徑一

ACM BOOKS a dynamic new series of advanced level books in computer science, published by ACM in collaboration with Morgan & Claypool Publishers.

learn more about the program | check out the books

The ACM DL app for Android, iOS and Windows is now available (and free).

As an ACM DL user:

1. Sign-in or Sign-up to the ACM DL with your ACM Web Account now.
2. Install the ACM DL app onto your device.
3. Sign in to the ACM DL app with your ACM Web Account.

DONE—You now have access to the ACM DL on your mobile device.

GET IT ON Google play | Download on the App Store | Download from Windows Phone Store

Recently loaded issues and proceedings:
(available in the DL within the past 2 weeks)

ACM Transactions on Accessible Computing (TACCESS)
Volume 11 Issue 1

ACM Transactions on Algorithms (TALG)
Volume 14 Issue 2

ACM Transactions on Database Systems (TODS)
Volume 43 Issue 1

Queue
Volume 16 Issue 1

Ubiquity

Institutional Profile Pages Beta
ACM releases new feature giving snapshot of an Institution's contribution to the field.

Computing Reviews

Access critical reviews of computing literature.

Become a reviewer for Computing Reviews

由ACM DL首頁最下方的Computing Reivews連結進入

路徑二: Refine By People -- Reviewers

ACM DIGITAL LIBRARY

SIGN IN SIGN UP

iphone SEARCH

Searched for iphone [new search] [edit/save query] [advanced search]

Searched The ACM Full-Text Collection: 492,393 records [Expand your search to The ACM Guide to Computing Literature: 2,756,298 records]

408 results found Export Results: bibtex | endnote | acmref | csv

23 videos found

Result 1 – 20 of 408

Result page: **1** 2 3 4 5 6 7 8 9 10 >>

Sort by: relevance

Refine by People
Names
Institutions
Authors
Reviewers

Refine by Publications
Publication Names
ACM Publications
All Publications
Content Formats
Publishers

Refine by Conferences
Sponsors
Events
Proceeding Series

Refine by Publication Year

Published Since 2007

1 Constant connectivity, selective participation: mobile-social interaction of students and faculty

Dana Rotman

April 2010 CHI EA '10: CHI '10 Extended Abstracts on Human Factors in Computing Systems

Publisher: ACM

Bibliometrics: Citation Count: 3
Downloads (6 Weeks): 4, Downloads (12 Months): 35, Downloads (Overall): 356

Full text available: PDF

beyond voice and textual communication, by enabling ubiquitous online connectivity and changing mediated social interaction. We report the results of a study of the mobile-social practices of students who use such devices, and the ways in which hierarchical relationships between students and professors were affected by the use of smart-mobile ...

Keywords: iphone

[result highlights]

2 A native iPhone packbot OCU

Rodrigo Gutierrez, Jeff Craighead

March 2009 HRI '09: Proceedings of the 4th ACM/IEEE international conference on Human robot interaction

Publisher: ACM

Bibliometrics: Citation Count: 5
Downloads (6 Weeks): 1, Downloads (12 Months): 21, Downloads (Overall): 579

Full text available: PDF

This video abstract discusses the details of the implementation of a Packbot operator control unit (OCU) using Apple's official iPhone SDK.

Keywords: iPhone, robot, touch screen

[result highlights]

路徑二: Refine By People -- Reviewers

ACM DIGITAL LIBRARY

SIGN IN SIGN UP

iphone SEARCH

Searched for iphone [new search] [edit/save query] [advanced search]

Searched The ACM Full-Text Collection: 492,393 records [Expand your search to The ACM Guide to Computing Literature: 2,756,298 records]

408 results found Export Results: bibtex | endnote | acmref | csv

23 videos found Result 1 – 20 of 408 Result page: **1** 2 3 4 5 6 7 8 9 10 >>

Sort by: relevance

Refine by People
Names
Institutions
Authors
Reviewers show/hide
Bowditch, John R (1)
Chang, Ruay-Shiung (1)
Esteve Rothenberg, Christian (1)
Godwin, Stewart Mark (1)
Kurfess, Franz J (1)
Macfadyen, Alyx (1)
Malaviya, Anoop kumar (1)
Mani, Ganapathy (1)
Manrique, Cecilia G. (1)
Mihalo, William Edward (1)
Moody, Scott Arthur (1)
Popescu, George (1)
Solanas, Agusti (1)
Weippl, Edgar R. (1)

Refine by Publications
Publication Names
ACM Publications
All Publications

1 Constant connectivity, selective participation: mobile-social interaction of students and faculty

Dana Rotman

April 2010 CHI EA '10: CHI '10 Extended Abstracts on Human Factors in Computing Systems

Publisher: ACM

Bibliometrics: Citation Count: 3
Downloads (6 Weeks): 4, Downloads (12 Months): 35, Downloads (Overall): 356

Full text available: PDF

beyond voice and textual communication, by enabling ubiquitous online connectivity and changing mediated social interaction. We report the results of a study of the mobile-social practices of students who use such devices, and the ways in which hierarchical relationships between students and professors were affected by the use of smart-mobile ...

Keywords: iphone

[result highlights]

2 A native iPhone packbot OCU

Rodrigo Gutierrez, Jeff Craighead

March 2009 HRI '09: Proceedings of the 4th ACM/IEEE international conference on Human robot interaction

Publisher: ACM

Bibliometrics: Citation Count: 5
Downloads (6 Weeks): 1, Downloads (12 Months): 21, Downloads (Overall): 579

Full text available: PDF

This video abstract discusses the details of the implementation of a Packbot operator control unit (OCU) using

路徑二: Refine By People -- Reviewers

ACM DIGITAL LIBRARY

SIGN IN SIGN UP

iphone SEARCH

Searched for iphone [new search] [edit/save query] [advanced search]

Searched The ACM Full-Text Collection: 492,393 records [Expand your search to The ACM Guide to Computing Literature: 2,756,298 records]

Refinements [remove all] click each refinement below to remove
Reviewers: Kurfess, Franz J

1 results found Export Results: bibtex | endnote | acmref | csv

Refine by People
Names
Institutions
Authors
Reviewers

Refine by Publications
Publication Names
ACM Publications
All Publications
Content Formats
Publishers

Refine by Conferences

Result 1 – 1 of 1 Sort by: relevance

1 Differences and Similarities between Finger and Pen Stroke Gestures on Stationary and Mobile devices

Huawei Tu, Xiangshi Ren, Shumin Zhai

August 2015 ACM Transactions on Computer-Human Interaction (TOCHI): Volume 22 Issue 5, October 2015

Publisher: ACM

Bibliometrics: Citation Count: 5
Downloads (6 Weeks): 8, Downloads (12 Months): 101, Downloads (Overall): 562

Full text available: PDF

This study investigated differences and similarities between finger and pen gestures on stationary devices (sitting posture) and mobile devices (sitting and walking postures). The recorded gestures were analyzed according to multiple gesture features. We found (1) pen and index finger gestures were different in features like size ratio but similar ...

Keywords: Pen gestures, mobile devices, finger gestures, gesture design

[result highlights]

Result 1 – 1 of 1

路徑二: Refine By People -- Reviewers

Published in:

· Proceeding
HCOMP '10 Proceedings of the ACM SIGKDD Workshop on Human Computation
Pages 41-44

Washington DC — July 25 - 25, 2010
ACM New York, NY, USA ©2010
table of contents ISBN: 978-1-4503-0222-7 doi>10.1145/1837885.1837898

BibTeX EndNote ACM Ref

Upcoming Conference:
KDD '18

Share:

Author Tags

Similar Patents and Articles

進入文章頁面後，再點選Reviews標籤

Contact Us | Switch to single page view (no tabs)

Abstract | Authors | References | Cited By | Index Terms | Publication | **Reviews** | Comments | Table of Contents

Reviewer: John R Bowditch

Tuite et al. pose the following question: "Can games be used to achieve massive data-acquisition tasks when played in the real world, away from standard consoles?" Although many researchers are asking similar questions, this paper approaches the problem in a unique way.

The paper covers alternate reality games (ARGs), a relatively new gaming genre. In Tuite et al.'s game *PhotoCity*, "players take photos to capture flags and take over virtual models of real buildings." *PhotoCity* is a hybrid ARG because it is designed as a "[game] with a purpose [GWAP]."

The paper's groundbreaking research recognizes the importance of point cloud modeling. *PhotoCity*'s core technology extracts three-dimensional (3D) models from two-dimensional (2D) digital images, using a computer vision system. Although the models have some visible deficiencies, such as low-quality renderings and empty sets in meshes, the advancements made are still noteworthy. Another accomplishment is the successful launch of an iPhone *PhotoCity* application, which is available on iTunes.

Researchers interested in point modeling and ARGs will find this paper insightful. The authors assume that the reader has a fundamental knowledge of point clouds and game design elements; that being said, the supporting references help with this prerequisite.

Online Computing Reviews Service

Computing Reviews

Access critical reviews of computing literature.
Become a reviewer for Computing Reviews

Powered by THE ACM GUIDE TO COMPUTING LITERATURE

路徑二: Refine By People -- Reviewers

iGroup

Computing Reviews

Association for Computing Machinery

網頁自動連結開啟Computing Reviews的頁面

TODAY'S ISSUE | HOT TOPICS | SEARCH | BROWSE | RECOMMENDED | MY ACCOUNT | LOGIN

REVIEW ?

Review

Search

Reconstructing the world in 3D: bringing games with a purpose outdoors

Tuite K., Snavely N., Hsiao D., Smith A., Popović Z. KDD-HCOMP 2010 (Proceedings of the ACM SIGKDD Workshop on Human Computation, Washington, DC, Jul 25, 2010) 41-44. 2010. Type: Proceedings

Date Reviewed: Oct 28 2010

Full Text

Tuite et al. pose the following question: "Can games be used to achieve massive data-acquisition tasks when played in the real world, away from standard consoles?" Although many researchers are asking similar questions, this paper approaches the problem in a unique way.

The paper covers alternate reality games (ARGs), a relatively new gaming genre. In Tuite et al.'s game *PhotoCity*, "players take photos to capture flags and take over virtual models of real buildings." *PhotoCity* is a hybrid ARG because it is designed as a "[game] with a purpose [GWAP]."

The paper's groundbreaking research recognizes the importance of point cloud modeling. *PhotoCity*'s core technology extracts three-dimensional (3D) models from two-dimensional (2D) digital images, using a computer vision system. Although the models have some visible deficiencies, such as low-quality renderings and empty sets in meshes, the advancements made are still noteworthy. Another accomplishment is the successful launch of an iPhone *PhotoCity* application, which is available on iTunes.

Recommendations

Reviewer Selected

Related Topics

Browse	Alerts
Games (K.8.0 ...)	Add
Shape (I.4.8 ...)	Add

Manage Alerts | More Alerts

ACM Mobile App

ACM DL Mobile App

- 步驟 1: 先建立您的免費ACM個人帳戶
- 步驟 2: 下載ACM DL mobile app

Android

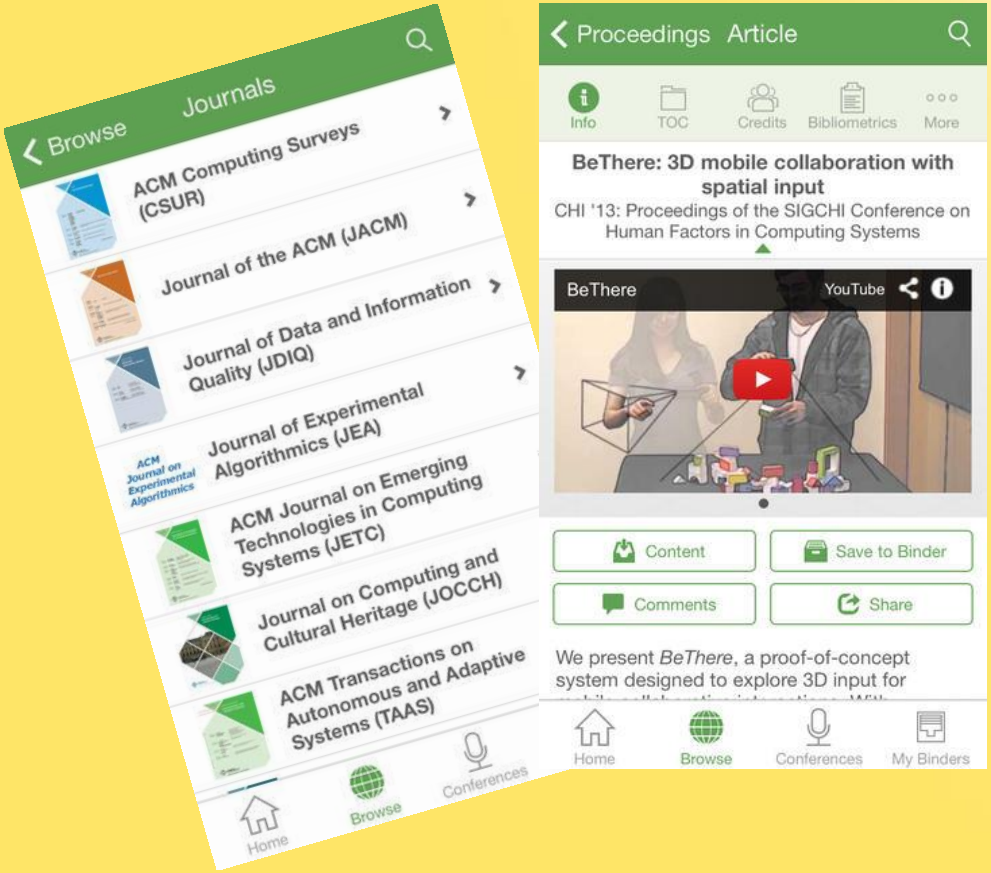
iOS

ACM DL Mobile App

- 步驟 3:在校內/機構內的IP環境中，登入您的ACM個人帳戶

- 步驟 4:開啟ACM Digital Library Mobile App，登入ACM個人帳戶，即可透過遠端登入機制來使用學校/機構所訂購的ACM Digital Library內容.

ACM DL Mobile App



個人帳戶遠端登入機制開啟之後，每隔六個月，您需要重新進行上述步驟3,以便重新認證啟動您的ACM Digital Library遠端登入功能。

iGroup