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Association for
Computing Machinery

Advancing Computing as a Science & Profession

DEBORAH PELLECCER
TRAINING AND SALES ASSOCIATE
MARZO 2014

Machinery (ACM)

- Es la sociedad científica y educativa de computación más grande del mundo - más de 108 mil miembros de 180 países
- Cuenta con recursos que permiten el avance de la computación como ciencia y profesión
- Es líder en la organización de conferencias- más de 200 anuales.



ACM Digital Library

Principal recurso de ACM

- Base de datos a texto completo de documentos publicados por la ACM
 - Journals/Transactions
 - Magazines
 - Proceedings
 - ACM Oral History Interview
- Special Interest Groups (SIGs)
- **Guide to Computing Literature** integrada
- 1954 al presente
- Publicaciones de otros editores que tienen un acuerdo editorial y comercial con la organización.

Cobertura Temática

- Inteligencia artificial
- Computación en la nube (servicios en la nube)
- Gráficos / Imágenes
- Comunicación
- Bases de Datos
- Extracción de datos
- Diseño de automatización
- Sistemas integrados
- Redes
- Interacción humano-máquina
- Movilidad
- Estructura de datos
- Seguridad
- Software
- Muchas otras materias relacionadas con informática, ciencias de la computación y tecnologías de la información.



ACM DL- Guide to Computing Literature

- +2 millones de Registros bibliográficos
- +990 mil Resúmenes o abstracts
- +230 mil Títulos
- +1,000 editores
- +966 mil Conference Proceedings
- +586 mil Journals & Magazines
- +176 mil Libros
- +69 mil Tesis
- +25 mil Reportes técnicos
- +3,500 Documentos RFC (Request for comments)

Demostración en plataforma

Ir a:

<http://dl.acm.org>

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Búsqueda sencilla

Full text of every article ever published by ACM and bibliographic citations

- [Using the DL](#)
- [For Consortia Administrators](#)

Búsqueda avanzada

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Announcements

- **JOINT IEEE/ACM TRANSACTIONS TO LAUNCH 2014**
IEEE and ACM are pleased to announce that the IEEE Transactions on Audio, Speech, and Language Processing and the ACM Transactions on Speech and Language Processing will be merged into a new journal, IEEE/ACM Transactions on Audio, Speech, and Language Processing, starting January 2014. Papers from the new journal will be available on both IEEE Xplore and the ACM Digital Library. For more information, see [IEEE TASLP](#). For new subscriptions, see [IEEE Xplore](#) or [IEEE Xplore/ACM Digital Library](#).

Búsqueda por publicaciones

Publicaciones recientes

Recently loaded issues and proceedings:

(available in the DL within the past 2 weeks)

[Journal of the ACM \(JACM\)](#)
[Volume 61 Issue 1](#)

[ACM Transactions on Autonomous and Adaptive Systems \(TAAS\)](#)
[Volume 8 Issue 4](#)

[ACM Transactions on Database Systems \(TODS\)](#)
[Volume 39 Issue 1](#)



[The Encyclopedia of Computer Science](#)
"...is the definitive reference in computer science and technology..."

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Buscamos el término Artificial
Intelligence en el Título

Página de resultados

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- [Proceedings of the fourteenth national conference on artificial intelligence and ninth conference on Innovative applications of artificial intelligence](#)
July 1997 **AAAI'97/IAAI'97: Proceedings of the fourteenth national conference on artificial intelligence and ninth conference on Innovative applications of artificial intelligence**
Publisher: AAAI Press
Bibliometrics: Downloads (6 Weeks): n/a, Downloads (12 Months): n/a, Downloads (Overall): n/a, Citation Count: 2188
- [Artificial Intelligence and Software Engineering: Understanding the Promise of the Future, 1st edition](#)
[Derek Partridge](#)
April 1998 Artificial Intelligence and Software Engineering: Understanding the Promise of the Future, 1st edition
Publisher: American Management Assoc., Inc.
Bibliometrics: Downloads (6 Weeks): n/a, Downloads (12 Months): n/a, Downloads (Overall): n/a, Citation Count:

From the Publisher:In this literate and easy-to-read discussion, Derek Partridge helps us understand what AI can and cannot do. Topics discussed include strengths and weaknesses of software development and engineering, the promises and problems of machine ...

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Ejemplo por publicación –
Publicaciones de ACM

Página de resultados- después de aplicar el filtro

Searching for: (Title:artificial and Title:intelligence) ([start a new search](#))

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1 [SUMEX: a resource for applications of artificial intelligence in medicine](#)

[J. Lederberg, E. Feigenbaum, E. Levinthal, T. Rindfleisch](#)

January 1974 **ACM '74: Proceedings of the 1974 annual ACM conference - Volume 2**, Volume 2

Publisher: ACM [Request Permissions](#)

Full text available:  [PDF](#) (57.19 KB)

Bibliometrics: Downloads (6 Weeks): 1, Downloads (12 Months): 9, Downloads (Overall): 43, Citation Count:


In partnership with the Biotechnology Resources Branch (BRB) of the Division of Research Resources of the National Institutes of Health, Stanford University is developing a nationally shared computing resource to promote research in artificial intelligence ...

2 [Artificial intelligence and *Goetterdaemrung*: the evolutionary paradigm of the future](#)

[Kenneth E. Kendall](#)


September 1996 **SIGMIS Database**, Volume 27 Issue 4

Publisher: ACM

Full text available:  [Pdf](#) (1.49 MB)


Página del artículo

Artificial intelligence and *Goetterdaeumerung*: the evolutionary paradim of the future


Full Text:  [PDF](#)

Author: [Kenneth E. Kendall](#)

Published in:

 Newsletter
ACM SIGMIS Database - Special issue: forecasting the next 50 years in information technology [Homepage](#) [archive](#)
Volume 27 Issue 4, Fall 1996
Pages 99-112
[ACM](#) New York, NY, USA
[table of contents](#) [doi>10.1145/252829.252851](#)






 1996 Article





Bibliometrics

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Bibliometrics: publication history

Publication years	1981-2010
Publication count	31
Citation Count	81
Available for download	5
Downloads (6 Weeks)	9
Downloads (12 Months)	69
Downloads (cumulative)	2,775



[Kenneth E. Kendall](#)

No contact information provided yet.

Página del artículo- Tabla de contenido

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Volume 27 Issue 4, Fall 1996 [table of contents](#)

Editors: [Ephraim R. Mc](#)
[Detmar W. St](#)

Published in:



· Newsletter
ACM SIGMIS Database [archive](#)
ACM New York, NY, USA
[table of contents](#) ISSN:0095-0033


 1996 Newsletter


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doi>[10.1145/252829.565499](#)

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[ACM](#) New York, NY, USA

[table of contents](#) ISSN:0095-0033

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





2013 Newsletter

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SESSION: **Research contributions**

[Advancing theory through the conceptualization and development of causal attributions for computer performance histories](#)

[Helen Kelley](#), [Deborah Compeau](#), [Christopher A. Higgins](#), [Michael Parent](#)

Pages: 8-33

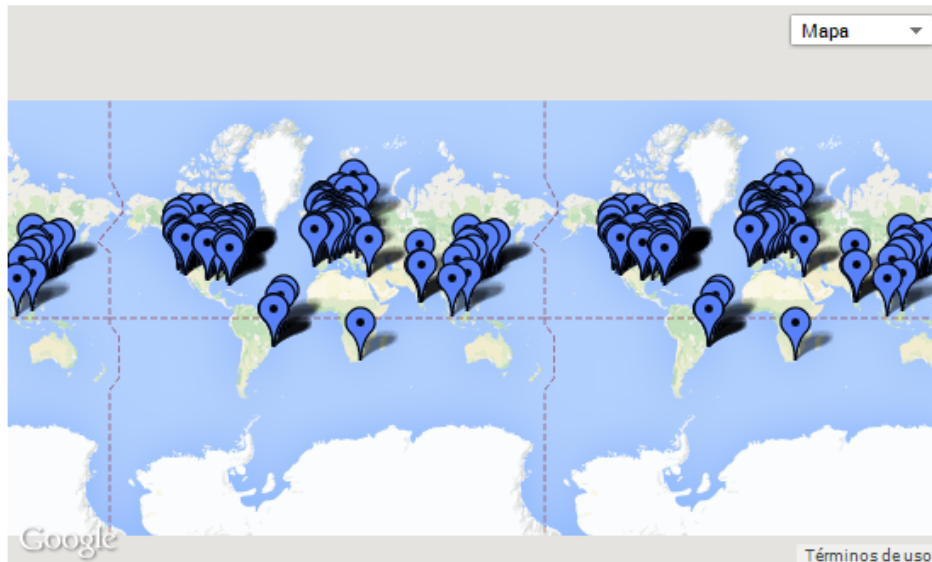
doi:10.1145/2516055.2516057

Página Conferencias de ACM



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Upcoming Conferences [RSS](#)

ICUIMC '14 [The 8th International Conference on Ubiquitous Information Management and Communication](#)

January 09 - 11, 2014
Siem Reap, Cambodia

ITCS'14 [Innovations in Theoretical Computer Science](#)

January 12 - 14, 2014
Princeton, NJ, USA

ASPDAC '14 [19th Asia and South Pacific Design Automation Conference](#)

January 20 - 23, 2014
Singapore, Singapore

POPL '14 [The 41st Annual ACM SIGPLAN-SIGACT Symposium on Principles of Programming Languages](#)

January 20 - 21, 2014
San Diego, CA, USA

ACM Conference Proceedings - past 12 months: Filter by

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Conference Acronym	Proceeding Title	SIG Sponsors	Year
AAMAS '13	Proceedings of the 2013 international conference on Autonomous agents and multi-agent systems	SIGART	2013
ACM DEV-4 '13	Proceedings of the 4th Annual Symposium on Computing for Development		2013
ACME '13	Proceedings of the workshop on ACadeMics Tooling with Eclipse	SIGSOFT SIGPLAN	2013
ACMSE '13	Proceedings of the 51st ACM Southeast Conference		2013
ACCSAC '13	Proceedings of the 29th Annual Computer Security Applications Conference		2013
ADAPT '14	Proceedings of International Workshop on Adaptive Self-tuning Computing Systems		2014

Classification System (CCS)




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The ACM Computing Classification System (CCS)

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General and reference	Hardware	Computer systems organization	Networks
Software and its engineering	Theory of computation	Mathematics of computing	Information systems
Security and privacy	Human-centered computing	Computing methodologies	Applied computing
Social and professional topics	Proper nouns: People, technologies and companies	What is the CCS?	

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‡ [Auctions and bidding: A guide for computer scientists](#)

[Simon Parsons](#), [Juan A. Rodriguez-Aguilar](#), [Mark Klein](#)

ACM Computing Surveys (CSUR)

Volume 43 Issue 2, January 2011

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‡ [What video games have to teach us about learning and literacy](#)

[James Paul Gee](#)

Computers in Entertainment (CIE)

Volume 1 Issue 1, October 2003

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¡GRACIAS!

Adriana Beltrán
Training and Sales Associate
Adriana.beltran@itmsgroup.net