

Computational Linguistics

Articles

An Efficient Natural Language Processing System Specially Designed for the Chinese Language	Lin-Shan Lee, Lee-Feng Chien, Long-Ji Lin, James Huang, K.-J. Chen	347
Systemic Classification and its Efficiency	Chris Brew	375
The Generative Lexicon	James Pustejovsky	409

Book Reviews

Computer Processing of Natural Language Gilbert K. Krulee <i>and</i> Computers and Human Language George W. Smith	<i>Reviewed by</i> Laura Proctor	442
Natural Language Generation in Artificial Intelligence and Computational Linguistics Cécile Paris, William R. Swartout, and William C. Mann (editors)	<i>Reviewed by</i> Robert Dale	448
Current Issues in Parsing Technology Masaru Tomita (editor)	<i>Reviewed by</i> Robert J. Kuhns	453
Linguistic Exploitation of Syntactic Databases: The Use of the Nijmegen Linguistic DataBase Program Hans van Halteren and Theo van den Heuvel	<i>Reviewed by</i> Ian Lancashire	457
Books Received		462



Editor

James F. Allen
Computer Science Department
University of Rochester
Rochester, NY 14627, USA
(+1 716) 275-5288
acl@cs.rochester.edu

Managing Editor

Donald E. Walker
Bellcore, MRE 2A379
445 South Street, Box 1910
Morristown, NJ 07960-1910, USA
(+1 201) 829-4312
walker@flash.bellcore.com

Associate Editor

Robert C. Berwick
Artificial Intelligence Laboratory
Massachusetts Institute of Technology
Cambridge, MA 02139, USA
(+1 617) 253-8918
berwick@ai.mit.edu

Book Review Editor

Graeme Hirst
Computer Science Department
University of Toronto
Toronto, CANADA M5S 1A4
(+1 416) 978-8747
gh@cs.toronto.edu

The FINITE STRING Editor

Ralph M. Weischedel
BBN Systems & Technologies Corporation
10 Moulton Street
Cambridge, MA 02238, USA
(+1 617) 491-1850
weischedel@bbn.com

Editorial Board Members**1989–91:**

Robert J. P. Ingria, BBN Systems & Technologies Corporation
Christopher S. Mellish, University of Edinburgh
Jeffrey Pelletier, University of Alberta
Martha Pollack, SRI International
Patti Jo Price, SRI International
Masaru Tomita, Carnegie Mellon University
Mary McGee Wood, University of Manchester

1990–92:

Susan Warwick, University of Geneva
James Pustejovsky, Brandeis University
Stuart Shieber, Harvard University
Kenneth Church, AT&T Bell Laboratories
Robert Moore, SRI International
Julia Hirschberg, AT&T Bell Laboratories

1991–93:

Eduard Hovy, USC/Information Sciences Institute
Paul Jacobs, General Electric
Robert Kasper, Ohio State University
Diane Litman, Columbia University
Graeme Ritchie, University of Edinburgh
Richard Sproat, AT&T Bell Laboratories
Oliviero Stock, Institute for Scientific
& Technological Research

Computational Linguistics

Articles

- | | | |
|--|---|-----|
| An Efficient Natural Language Processing System Specially Designed for the Chinese Language | Lin-Shan Lee, Lee-Feng Chien, Long-Ji Lin,
James Huang, K.-J. Chen | 347 |
| Systemic Classification and its Efficiency | Chris Brew | 375 |
| The Generative Lexicon | James Pustejovsky | 409 |

Book Reviews

- | | | |
|---|------------------------------------|-----|
| Computer Processing of Natural Language
Gilbert K. Krulee <i>and</i>
Computers and Human Language
George W. Smith | <i>Reviewed by</i> Laura Proctor | 442 |
| Natural Language Generation in Artificial Intelligence and Computational Linguistics
Cécile Paris, William R. Swartout, and William C. Mann (editors) | <i>Reviewed by</i> Robert Dale | 448 |
| Current Issues in Parsing Technology
Masaru Tomita (editor) | <i>Reviewed by</i> Robert J. Kuhns | 453 |
| Linguistic Exploitation of Syntactic Databases: The Use of the Nijmegen Linguistic DataBase Program
Hans van Halteren and Theo van den Heuvel | <i>Reviewed by</i> Ian Lancashire | 457 |
| Books Received | | 462 |
-

Copyright ©1991 by the Association for Computational Linguistics. The following code, 0891-2017/91, indicates the copyright owners' consent that a single copy of an article may be made for personal use. The consent is given, however, on the condition that the copier pay the stated per-copy fee of \$3.00 through the Copyright Clearance Center, Inc., 21 Congress Street, Salem, MA 01970, USA, for copying beyond that permitted by Sections 107 and 108 of the U.S. Copyright Law. This consent does not extend to other kinds of copying, such as copying for general distribution, for advertising or promotional purposes, for creating new collective works, or for resale. Such permission requests and other permission inquiries should be addressed to the Managing Editor at the address given on the inside front cover of this issue.

Computational Linguistics is abstracted and/or indexed in the following publications: *Annual Review of Information Science and Technology*, *Computing Reviews*, *Current Contents: Social and Behavioral Sciences*, *Knowledge Engineering Review*, *Language and Language Behavior Abstracts*, *Linguistic Abstracts*, *Linguistic Bibliography*, *Science Abstracts* (INSPEC Section C), and *Social Science Citation Index*.

Volume 14 and subsequent volumes of *Computational Linguistics* are available on microfilm through University Microfilms International, 300 North Zeeb Road, Ann Arbor, MI 48106, USA.

Individual Subscriptions to *Computational Linguistics* are available only with membership in the Association for Computational Linguistics (ACL). Annual Membership Dues are as follows: *regular*, \$25.00; *student* — taking a full time program of courses and not earning a regular income, \$15.00; *joint* — for couples receiving one subscription, \$30.00. A membership application together with an order form for back issues and conference proceedings is included at the end of this issue. Send membership applications and address changes to Dr. Donald E. Walker (ACL), Bellcore, MRE 2A379, 445 South Street, Box 1910, Morristown, NJ 07960-1910, USA. However, note that it is also possible to pay through banks in Switzerland and Japan.

Institutional Subscriptions are \$75.00. Outside the U.S. add \$14.00 postage and handling. Canadian subscribers also add 7% GST. Send institutional subscription orders and address changes to MIT Press Journals, 55 Hayward Street, Cambridge, MA 02142-1399, USA. To be honored free of charge, claims for missing copies must be made immediately upon receipt of the next published issue. Institutions should order back issues (before 1988) and all proceedings from the ACL at the address above.