Computational Linguistics

Special Issue on Natural Language Generation		
Introduction to the Special Issue on Natural Language Generation	Robert Dale, Barbara Di Eugenio, and Donia Scott	345
Articles		
Collaborative Response Generation in Planning Dialogues	Jennifer Chu-Carroll and Sandra Carberry	355
A Generative Perspective on Verb Alternations	Manfred Stede	401
Describing Complex Charts in Natural Language: A Caption Generation System	Vibhu O. Mittal, Johanna D. Moore, Giuseppe Carenini, and Steven Roth	431
Generating Natural Language Summaries from Multiple On-Line Sources	Dragomir R. Radev and Kathleen R. McKeown	469
Squibs and Discussions		
Do the Right Thing but Expect the Unexpected	Jon Oberlander	501
Book Reviews		
Progress in Speech Synthesis edited by Jan P. H. van Santen, Richard W. Sproat, Joseph P. Olive, and Julia Hirschberg	Reviewed by Briony Williams	509
Handbook of Standards and Resources for Spoken Language Systems edited by Dafydd Gibbon, Roger Moore, and Richard Winski	Reviewed by Jan P. H. van Santen	512
Machine Translation and Translation Theory edited by Christa Hauenschild and Susanne Heizmann	Reviewed by Frank Van Eynde	516
Vygotsky and Cognitive Science: Language and the Unification of the Social and Computational Mind by William Frawley	Reviewed by Rosemary Luckin	520

Copyright ©1998 by the Association for Computational Linguistics. Permission to photocopy articles for internal or personal use, or the internal or personal use of specific clients, is granted by the copyright owner for users registered with the Copyright Clearance Center (CCC) Transactional Reporting Service, provided that the fee of \$3.00 per article-copy is paid directly to CCC, 222 Rosewood Drive, Danvers, MA 01923. The fee code for users of the Transactional Reporting Service is 0891-2017/98 \$3.00. For those organizations that have been granted a photocopy license with CCC, a separate system of payment has been arranged. 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, CompuMath Citation Index, Computer Abstracts, Computing Reviews, Current Contents: Social and Behavioral Sciences, Engineering Index, Knowledge Engineering Review, Language and Language Behavior Abstracts, Linguistic Abstracts, Linguistic Bibliography, Research Alert, Science Abstracts (INSPEC Section C), SciSearch, Social Sciences Citation Index, and Social SciSearch.

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.

Send advertising and mailing list inquiries to Marketing Dept., MIT Press Journals, Five Cambridge Center, Cambridge, MA 02142; Phone: (617) 253-2866; fax: (617) 258-5028; e-mail: journals-info@mit.edu.

Individual Subscriptions to Computational Linguistics are available only with membership in the Association for Computational Linguistics (ACL). Annual Membership Dues are as follows: regular, \$50.00; student — taking a full-time program of courses and not earning a regular income, \$30.00; retired, \$30.00; joint — for couples receiving one subscription, \$60.00. 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 Priscilla Rasmussen, Association for Computational Linguistics (ACL), P.O. Box 6090, Somerset, NJ 08875, USA. However, note that it is also possible to pay by credit card (both by e-mail and by postal mail) and through banks in Switzerland and Japan.

Institutional Subscriptions are \$110.00. Outside the U.S. and Canada add \$16.00 postage handling. Canadian subscribers add 7% GST. Single copies of current and back issues are \$28.00. Outside U.S. and Canada add \$5.00 per issue for postage and handling. Canadians add 7% GST. Send institutional subscription orders and address changes to MIT Press Journals, Five Cambridge Center, Cambridge, MA 02142; phone: (617) 253-2889; fax: (617) 577-1545; e-mail: journals-orders@mit.edu. Claims for missing issues will be honored free of charge if made within three months after the publication date of the issue. Prices subject to change without notice. Institutions should order back issues before 1988 and all proceedings from the ACL at the address above.

http://mitpress.mit.edu/COLI