

The MIT Press

Truth from Trash

How Learning Makes Sense Chris Thornton

Analyzes how we sort through the morass of data we receive and decide what is worth retaining. Complex Adaptive Systems series A Bradford Book 224 pp. \$37.50

Embodied Conversational Agents

edited by Justine Cassell, Joseph Sullivan, Scott Prevost, and Elizabeth Churchill Describes research in all aspects of the design, implementation, and evaluation of embodied conversational agents. 352 pp. \$42

Converging Methods for Understanding Reading and Dyslexia

edited by Raymond M. Klein and Patricia A. McMullen Describes both normal and impaired reading processes: how reading ability is acquired, how it is sometimes lost, and how dyslexia can be remediated. Language, Speech, and Communication series A Bradford Book 536 pp. \$60

Learnability in Optimality Theory

Bruce Tesar and Paul Smolensky "Arguably the most clear-minded and far-reaching current research program on the application of formal learning theory to the problem of language acquisition." — Stefano Bertolo, MIT 172 pp. \$25

Toward a Cognitive Semantics

Volume 1: Concept Structuring Systems Volume 2: Typology and Process in Concept Structuring Leonard Talmy

"At last we have all these classic papers in one place! This collection finally makes it possible to appreciate the full scope and originality of Talmy's pioneering work in cognitive linguistics." — Ray Jackendoff, Professor of Linguistics, Brandeis University Language, Speech and Communication series A Bradford Book Vol. 1: 480 pp. \$60 Vol. 2: 412 pp. \$60 Set: \$110

http://mitpress.mit.edu

Use your linguistic expertise to change the way computers interact with people



Do you have experience in lexicon development, text-based natural language understanding, information retrieval, parsing or testing?

AnswerLogic is a high-growth start-up offering challenging work in a stimulating environment. If you're interested in joining our dynamic team, visit **www.answerlogic.com**.

1111 19th Street, NW Suite 600 Washington, DC 20036 **voice 202.223.1444** fax 202.223.1455



Linguistics and Philosophy

Editor-in-Chief: Manfred Krifka Dept. of Linguistics, University of Texas at Austin, USA

Associate Editors: Nicholas Asher, Greg Carlson, Bob Carpenter, Stephen Crain, Jeroen Groenendijk, Laurence R. Horn, Beth Levin, Mark Richard, Anna Szabolcsi, Martin Stokhof

Executive Board: Richmond H. Thomason, Greg Carlson, Francis J. Pelletier

Linguistics and Philosophyfocuses on issues related to structure and meaning in natural language, as addressed in the philosophy of language, linguistic semantics, syntax and related disciplines, in particular the following areas:

- philosophical theories of meaning and truth, reference, description, entailment, presupposition, implicatures, context-dependence, and speech acts;
- linguistic theories of semantic interpretation in relation to syntactic structure and prosody, of discourse structure, lexcial semantics and semantic change;
- psycholinguistic theories of semantic interpretation and issues of the processing and acquisition of natural language, and the relation of semantic interpretation to other cognitive faculties;
- mathematical and logical properties of natural language and general aspects of computational linguistics;
- philosophical questions raised by linguistics as a science: linguistics methodology, properties of linguistic theories and frameworks, and the relation of linguistics to other fields of inquiry.

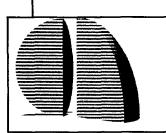
Contributions may be in the form of articles, replies, book reviews or review articles.



Subscription Information 2000, Volume 23 (6 issues) ISSN 0165-0157 Subscription Rate: NLG 765.00/USD 364.00, incl.p/h. 10% discount available for LSA members

P.O. Box 322, 3300 AH Dordrecht, The Netherlands P.O. Box 358, Accord Station, Hingham, MA 02018-0358, U.S.A.





MIT CogNet

The Cognitive and Brain Sciences Community Online

MIT CogNet[™] (http://cognet.mit.edu) is an electronic community for the cognitive and brain sciences. It brings together current and classic resources in the field and provides a unique, interactive forum for scholars, students, and professionals. Currently under development, MIT CogNet is a free service through August 31, 2000, and welcomes charter members during this period.

Services of MIT CogNet[™] include a searchable, full-text library with a growing collection of books, journals, and reference works; an academic almanac of cognitive science programs; HotScience editorials by invited scientists on groundbreaking or controversial aspects of their research; job listings; CV and bibliography utilities; virtual poster sessions; threaded discussion groups; a seminar manager with information about current seminars and lecture series at participating academic institutions; community member profiles; and more.

MIT CogNet[™] offers the latest research, reference, and professional tools for those working in the cognitive and brain sciences. Visit the site today and let us know what you think. Charter members who contribute content or comments on the site's functionality during the prototype phase will earn discounts on MIT Press books — and on the subscription fee for MIT CogNet when it is officially launched (September 1, 2000).

http://cognet.mit.edu

"Keeps professionals in the field up to date on

the newest theories in fields such as morphology,

syntax, logical format, semantics, and phonology . . .

Recommended for complete academic collections."

-Magazines for Libraries

Linguistic Inquiry

Samuel Jay Keyser,

Select Recent Contributions—Articles

 Bare and Not-So-Bare Nouns and the Structure of NP Lisa Lai-Shen Cheng and Rint Sybesma

Editor-in-Chief

The View from the Periphery: The English Comparative Correlative Peter W. Culicover and Ray Jackendoff Redublicative Identity in Chaha

Michael Kenstowicz and Degif Petros Banksira • Vehicle Change and Reconstruction in A-Chains Ken Safir

Remarks and Replies

- The Syntax of Quantifiers and Quantifier Float
- Elabbas Benmamoun

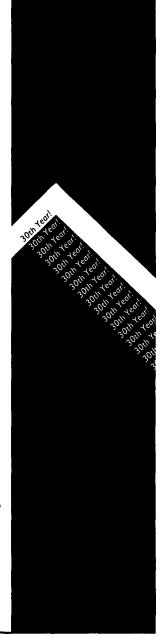
 First Conjunct Agreement: Against a Clausal Analysis
- Alan Munn Further Remarks on First Conjunct Agreement Joseph Aoun, Elabbas Benmamoun, and Dominique Sportiche

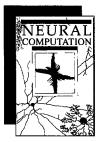
2000 Rates

Individual \$55: Institution \$164: Student (copy of current ID required)/Retired \$35. Outside U.S.A. and Canada, add \$18 postage and handling. Canadians add 7% GST. Prices subject to change without notice. Prepayment required. Send check—drawn against a U.S. bank in U.S. funds, payable to *Linguistic Inquiry*—AMEX, MC, or VISA number to: MIT Press Journals Five Cambridge Center / Cambridge, MA 02142 Tel: (617) 253-2889 / Fax: (617) 577-1545 journals-orders@mit.edu/LI

All print subscriptions to Linguistic Inquiry include access to an electronic version, now available from: OCLC Electronic Collections Online, Blackwell's Electronic Journals Navigator System, SwetsNet, Faxon's Information Quest, Ebsco Online For more information point to Linguistic Inquiry's web site: http://mitpress.mit.edu/Ll

Published quarterly by The MIT Press. ISSN 0024-3892





"The leading periodical dealing with neuroscience." Nature

2000 Rates Individual \$88; Institution \$430; Student*/Retired \$60 (*copy of student ID required.) Outside USA and Canada add \$48 postage and handling. Canadians add 7% GST. Prices are subject to change without notice. Prepayment is required. Send check drawn on a U.S. bank in U.S. funds, MC, VISA, or AMEX

MIT Press Journals

Five Cambridge Center Cambridge MA 02142 Tel: 617-253-2889 Fax: 617-577-1545 journals-orders@mit.edu ISSN 0899-7667

http://mitpress.mit.edu/NECO

Terrence Sejnowski, Editor

The Salk Institute and University of California at San Diego Now Published Monthly...

Now in its twelfth year, Neural Computation has established itself as the leading journal for a growing community of scientists interested in exploring the computational principles that make brains tick. Carefully reviewed by a distinguished editorial board, Neural Computation publishes short communications, long articles and timely reviews on the interplay between experimental data, computational models, and theoretical analysis at all levels of organization in the brain, from the molecular to the systems levels.

Select Articles from Volume 12

Correctness of Local Probability Propagation in Graphical Models with Loops Yair Weiss

Population Dynamics of Spiking Neurons: Fast Transients, Asynchronous States, and Locking Wulfram Gerstner

Dynamics of Strongly Coupled Spiking Neurons Paul C. Bressloff and S. Coombes

Model Dependence in Quantification of Spike Interdependence by Joint Peri-Stimulus Time Histogram Hiroyuki Ito and Satoshi Tsuji

Learning Overcomplete Representations Michael S. Lewicki and Terrence J. Sejnowski

On Connectedness: A Solution Based on Oscillatory Correlation DeLiang L. Wang

Neural Computation is available on MIT CogNet (http://cognet.mit.edu), an electronic community for the cognitive and brain sciences. "As XML begins to dominate high-end Web applications, developers and users will welcome *Markup Languages* as a place to discuss the theory and practice of markup in general and XML in particular." —Pamela Gennusa, President, International SGML Users' Group

Markup Languages

theory & practice

Editors-in-Chief:

C.M. Sperberg-McQueen, University of Illinois at Chicago B. Tommie Usdin, Mulberry Technologies

Markup Languages: Theory and Practice is a quarterly, peer-reviewed technical journal devoted to research, development, and practical applications of text markup for computer processing, management, manipulation, and display. Specific areas of interest include new syntaxes for generic markup languages; refinements to existing markup languages; theory of formal languages as applied to document markup; systems for mark-up; uses of markup for printing, hypertext, electronic display, content analysis, information reuse and repurposing, search and retrieval, and interchange; shared applications of markup languages; and techniques and methodologies for developing markup languages and applications of markup languages.

Recent table of contents:

Interview with Joan Smith Joan M. Smith Structured Markup on the Web: A Tale of Two Sites Joshua Lubell An SGML System for the Budget of the European Union Tom Catteau REX: XML Shallow Parsing with Regular Expressions Robert D. Cameron XML Tools and Architecture for Named Entity Recognition Andrei Mikheev, Claire Grover, Marc Moens Book Reviews (The XML Companion; XML: The Annotated Specification; XML In Plain English; The XML Black Book) Wendell Piez

http://mitpress.mit.edu/MLANG

2000 Rates -

Individual: \$50; Institution: \$145 Outside U.S.A. and Canada add \$18 postage and handling. Canadians add 7% GST. Prices are subject to change with out notice. Prepayment is required. Send check or money order—drawn on a U.S. bank in U.S. funds, payable to Markup Languages—MC, VISA or AMEX number to: **MIT Press Journals** Circulation Department, Five Cambridge Center, Cambridge, MA 02142 phone: 617-253-2889 fax: 617-577-1545 journals-orders@mit.edu Published quarterly by The MIT Press in Winter/Spring/Summer/Fall ISSN: 1099-6621

The MIT Press

Everything from The MIT Press, and all the best from other publishers.

Computer Science Neuroscience Cognitive Science Artificial Intelligence **Economics** Linguistics Philosophy Art. Design Photography Architecture Science, Technology, & Society

http://mitpress.mit.edu/bookstore

292 Main Street Kendall Square Cambridge MA 02142 617.253.5249 books@mit.edu



Association for Computational Linguistics 2000 MEMBERSHIP, CHANGE OF ADDRESS AND EMAIL, AND ORDER FORM

Please refer to the end of this document for specific benefits, payment and ordering instructions.

MEMBERSHIP

Provide all personal information, even if you have previously done so, to be sure the ACL membership database is up-to-date. Write legibly, please!

FULL NAME	······································		
	(first)	(last/family)	
ADDRESS			
INSTITUTION	ang shows)	TELEPHONE	
E-MAIL ADDRESS		FAX	
Please IMMEDIATELY no \$5.00 postage/handling fee	tify the ACL Office of address and c is remitted. EMAIL (if available) IS	email changes. Journal copies returned due to bad addresses will not be remailed u S USED TO DISTRIBUTE meeting, membership, and other announcements. PAYMENT	ıntil a
	ENT (circle): <u>CHECK MON</u> RMATION (VISA AND MAS	IEY ORDER CREDIT CARD BANK TRANSFER STERCARD ONLY):	
CARD NUMBER		EXPIRATION DATE	
CARDHOLDER'S NA	ME (as appears on card)		
	AYMENT AUTHORIZED OI IIP, PUBLICATION, and WOR	R ENCLOSED \$ RKSHOPS/OTHER CONFERENCES SECTIONS)	
	MEN	MBERSHIP DUES FOR 2000	
Regular-1 Year(\$60) Joint-1 Year(\$70) Student(\$30)	Regular-3 Year(\$180) Joint-3 Year(\$210) Student-Employed(\$60)	Regular-5 year(\$300)Retired(\$30)Joint-5 Year (\$350)Unemployed(\$30)MEMBERSHIP DUES \$	
1st Class or Air (\$10/yea	r US, Canada, Mexico; \$25/yea OPTIONA	ar elsewhere) AL 1st CLASS/AIRMAIL JOURNAL MAILING \$	
RENEWALS received a	fter 1 April 2000 pay \$20 additio	ional postage/handling fee LATE PAYMENT FEE \$	
national currencies or for	whom membership would othe	and publications to be available to colleagues who have difficulty in using erwise be impossible. Contributions may be tax deductible; check local re	g their gulations
Receipts are available up	ion request.	INTERNATIONAL FUND \$	
supports select student tr	avel to ACL meetings. Contribu	L STUDENT FUND: This fund was set up to honor Don and Betty Walke butions may be tax deductible, and companies may provide matching funds Make checks payable to "THE WALKER FUND". Visa and Mastercard p	s; check
		WALKER FUND \$	
TOTAL DAVMENT E	ND MEMBEDCHID WAI VE		

TOTAL PAYMENT FOR MEMBERSHIP, WALKER AND INTERNATIONAL FUNDS (list in PAYMENT SECTION)

\$_____

PUBLICATIONS ORDER FORM

JOURNAL BACK ISSUES: 1980-1999 VOLUMES--CIRCLE YEARS (1980-1990: Members \$30; Others \$60 // 1991-1999:Members \$40; Others \$80):

1980 1981 1982 1983 1984 1985 1986 1987 1988 1989 1990 | 1991 1992 1993 1994 1995 1996 1997 1998 1999 BACK ISSUES \$ 1st Class or air (each year: \$10 U.S., Canada, Mexico; \$20 elsewhere) BACK ISSUE OPTIONAL MAILING COSTS \$___ SUPPLEMENTS -- Circle choice (Members \$15; Others \$30): 1992 Directory of Graduate Programs 1993 Survey of Courses SUPPLEMENTS \$ 1st Class or Airmail (each: \$5 U.S., Canada, Mexico; \$10 elsewhere) SUPPLEMENT OPTIONAL MAILING COST \$ ACL PROCEEDINGS (each proceedings: Members \$30; Others \$60--1st Class or air: \$10 U.S., Canada, Mexico; \$25 elsewhere) CIRCLE or HIGHLIGHT CHOICE(S): 18th, Philadelphia, 1980 20th, Toronto, 1982 17th, San Diego, 1979 19th, Stanford, 1981 21st, Cambridge, 1983 22nd, see Coling-84 below 23rd, Chicago, 1985 24th, New York, 1986 26th,Buffalo,1988 25th, Stanford, 1987 27th, Vancouver, 1989 28th, Pittsburgh, 1990 29th, Berkeley, 1991 30th, Newark, 1992 31st,Columbus,1993 32nd, Las Cruces, 1994 33rd, Cambridge, 1995 34th, Santa Cruz, 1996 35th, Madrid, 1997(ioint with EACL-97; order ACL-97 OR EACL-97) 37th College Park, 1999 36th, Montreal, 1998 (joint with Coling-98;see Coling-98 below for price:\$75) CONFERENCES ON APPLIED NATURAL LANGUAGE PROCESSING (each proceedings: Members \$30; Others \$60--1st Class or air: \$10 U.S., Canada, Mexico; \$25 elsewhere): First, Santa Monica, 1983 Second, Austin, 1988 Third, Trento, 1992 Fourth, Stuttgart, 1994 Fifth, Washington, DC, 1997 Sixth, Seattle, 2000 (Joint with NAACL'00; ORDER ONE OR THE OTHER; available May 2000) EUROPEAN CHAPTER CONFERENCES (each proceedings: Members \$30; Others \$60--1st Class or air: \$10 U.S., Canada, Mexico; \$25 elsewhere): First, Pisa, 1983 Second, Geneva, 1985 Third, Copenhagen, 1987 Fourth, Manchester, 1989 Fifth, Berlin, 1991 Sixth, Utrecht, 1993 Seventh, Dublin, 1995 Eighth, Madrid, 1997 (joint with ACL-97 above:same single volume) Ninth, Bergen, 1999 NORTH AMERICAN CHAPTER CONFERENCES (each proceedings: Members \$30; Others \$60--1st Class or air: \$10 U.S., Canada, Mexico; \$25 elsewhere): First, Seattle, 2000 (Joint with ANLP'00; ORDER ONE OR THE OTHER; available May 2000) PROCEEDINGS TOTAL \$_____ OPTIONAL MAILING TOTAL \$ COLING PROCEEDINGS (note differences in proceedings prices; 1st Class or air delivery: 1984 is \$15 U.S., Canada, Mexico; \$25 elsewhere and for subsequent years: \$20 US, Canada, Mexico; \$40 elsewhere): COLING-84, Stanford, 984 (Members \$45; Others \$90) COLING-84 PROCEEDINGS COLING-88(2 vol), Budapest, 1984 (Members \$45; Others \$150) COLING-88 PROCEEDINGS \$ COLING-90(3 vol.), Helsinki, 1990(Members \$95; Others \$190)COLING-90 PROCEEDINGS \$ COLING-92(4 vol.), Nantes, 1992 (Members \$75; Others \$150) COLING-92 PROCEEDINGS \$ COLING-94, Kyoto, 1994 (Members \$75; Others \$150) COLING-94 PROCEEDINGS \$ COLING-96, Copenhagen, 1996 (Members \$75; Others \$150) COLING-96 PROCEEDINGS COLING-98, Montreal, 1998 (Members \$75; Others \$150) COLING-98 PROCEEDINGS TOTAL PUBLICATIONS PAYMENT \$ (list in PAYMENT SECTION)

ACL SPECIAL INTEREST GROUPS' CONFERENCE AND WORKSHOP PROCEEDINGS

Below is a listing of the various proceedings currently available. To place an order, please follow the standard payment procedures and indicate your proceedings choice(s) by filling in the dollar amount. 1991-1994 proceedings are \$20 each; 1996 and beyond are \$25 each, including surface mailing costs. Airmail delivery will be an additional \$10 for each mailing of up to two proceedings copies. These proceedings are available as long as supply lasts.

	<u> </u>
The Balancing Act, at ACL-94, Las Cruces, NM, 1 July 1994	5
Computational Phonology, at ACL-94, Las Cruces, NM, 1 July 1994	S
Natural Language Processing for Communication Aids, at ACL/EACL-97, Madrid, Spain, 11-12 July 1997	5
Spoken Language Translation, at ACL/EACL-97, Madrid, Spain, 11-12 July 1997	5
Envgram Computational Environments for Grammar Development and Linguistic Engineering,	
at ACL/EACL-97, Madrid, Spain, 11-12 July 1997	5
Interactive Spoken Dialogue Systems: Bringing Speech and NLP Together in Real World Applications,	
	5
Intelligent Scalable Text Summarization, at ACL/EACL-97, Madrid, Spain, 11-12 July 1997	
Automatic Information Extraction and Building of Lexical Semantic Resources for NLP Applications	
Organized by EuroWordNet (LE2 4003), Sparkle (LE 2111) and Ecran, at ACL/EACL-97, Madrid, Spain,	
	6
From Research to Commercial Applications: Making NLP Technology Work in Practice, at ACL/EACL-97,	
	\$
Computational Natural Language Learning (CoNLL '97), at ACL/EACL-97, Madrid, Spain, 11-12 July 1997	
Computational Phonology, Third Meeting of the ACL Special Interest Group In Computational Phonology,	Ф
	\$
Content Visualization and Intermedia Representations, at Coling-ACL'98, Montreal, Canada, 15 August 1998	
Discourse Relations and Discourse Markers, at Coling-ACL'98, Montreal, Canada, 15 August 1998	\$
First Workshop on Computational Terminology, at Coling-ACL'98, Montreal, Canada, 15 August 1998	\$
Processing of Dependency-based Grammars, at Coling-ACL'98, Montreal, Canada, 15 August 1998	\$
The Computational Treatment of Nominals, at Coling-ACL'98, Montreal, Canada, 16 August 1998	⊅
The computational Treatment of Normals, at Comg-ACE 96, Monteau, Canada, 10 August 1996	\$
Usage of WordNet in Natural Language Processing Systems, at Coling-ACL'98, Montreal, Canada,	₽
16 August 1998	\$
Partially Automated Techniques for Transcribing Naturally Occuring, Continuous Speech, at Coling-ACL'98,	₽
Montreal, Canada, 16 August 1998	\$
Monucal, Canada, 10 August 1996	Э
New Methods in Language Processing and Computational Natural Language Learning (NeMLaP3/CoNLL98,	
at Sydney, Australia, 11-17 January 1998	£
Proceedings of the International Workshop on Finite State Methods in Natural Language Processing	\$
(FSMNLP'98), at Ankara, Turkey, 30 June-1 July 1998	¢
Proceedings of the Ninth International Workshop on Natural Language Generation, at Niagra-on-the-Lake,	₽
Ontario, Canada, 5-7 August 1998	\$
Ontario, Canada, 5-7 August 1996	۹
Unsupervised Learning in Natural Language Processing, at ACL'99, College Park, MD, 20-26 June 1999	\$
Discourse/Dialogue Structure and Reference, at ACL '99, College Park, MD, 20-26 June 1999	\$
Coreference and its Applications, at ACL'99, College Park, MD, 20-26 June 1999	\$
Towards Standards and Tools for Discourse Tagging, at ACL'99, College Park, MD, 20-26 June 1999	\$
Computer-Mediated Language Assessment and Evaluation in Natural Language Processing (Joint Symposium	J
with IALL), at ACL'99, College Park, MD, 20-26 June 1999	\$
SIGLEX99: Standardizing Lexical Resources, at ACL'99, College Park, MD, 20-26 June 1999	\$
SIGLEA99: Standardizing Lexical Resources, at ACL 99, Conege Park, MD, 20-26 June 1999	э
Conference on Empirical Methods in Natural Language Deseasation, Dhiladalakis, DA, 17, 19 May 1004	¢
Conference on Empirical Methods in Natural Language Processing, Philadelphia, PA, 17-18 May 1996	\$
Second Conference on Empirical Methods in Natural Language Processing, Providence, RI, 1-2 August 1997	\$
Third Conference on Empirical Methods in Natural Language Processing, Granada, Spain, 2 June 1998	\$
Joint SIGDAT Conference on Empirical Methods in Natural Language Processing and Very Large Corpora	¢
(EMNLP/VLC'99), at ACL'99, College Park, MD, 20-26 June 1999	\$
Third Washen on View Longe Comments of ACL 05, Comparison MA, 20 June 1005	¢
Third Workshop on Very Large Corpora, at ACL-95. Cambridge, MA, 30 June 1995	\$
Fourth Workshop on Very Large Corpora, at Coling-96, Copenhagen, Denmark 4 August 1996	\$
Fifth Workshop on Very Large Corpora, Beijing, China, 18 August 1997 and Hong Kong, 20 August 1997	\$
Sixth Workshop on Very Large Corpora, at Coling-ACL'98, Montreal, Canada, 15-16 August 1998	<u>э</u>
Joint SIGDAT Conference on Empirical Methods in Natural Language Processing and Very Large Corpora	¢
(EMNLP/VLC'99), at ACL'99, College Park, MD, 20-26 June 1999	\$
Plus airmail costs (\$10 per each 1.2 conjes)	¢
Plus airmail costs (\$10 per each 1-2 copies)	\$
TOTAL WORKSHOP/OTHER CONFERENCES ORDER	\$
- CILLS - CILLSHOT / CILLMAN CONTINUES ON DER	*

(List total in PAYMENT SECTION)

BENEFITS, PAYMENT AND ORDERING INSTRUCTIONS

Membership in the Association for Computational Linguistics is for the calendar year, regardless of when dues are paid. Membership includes a full year of the ACL journal, Computational Linguistics, reduced registration at most ACL-sponsored conferences, and discounts on ACL-sponsored publications. Payments for membership dues, fund donations, back issues, and proceedings may be made in Europe or the USA. **IMPORTANT NOTE:** Renewals must be received no later than 1 April 2000 to avoid late payment fee assessment. Membership categories include Regular Members and the following: Couples with the same mailing address may be Joint Members; they will receive only one set of publications, but each will be eligible for all other member benefits. Students taking a full-time program of courses and not earning a regular income may become Student Members **WITH COPY OF CURRENT STUDENT ID**. Students who are not Student Members because of their income can still participate in student activities as Student-Employed. Also available are Retired and Unemployed memberships. We now offer **MULTI-YEAR MEMBERSHIPS** to Regular and Joint members. If no indication is provided of multi-year membership preference, one-year membership will be presumed for Regular and Joint. Late payment fee does not apply to new memberships.

INSTITUTIONS/NON-MEMBERS: Subscribe to the **2000 journal** through MIT Press Journals, 5 Cambridge Center, Cambridge, MA 02142, USA; phone +1-617-253-2889; fax +1-617-577-1545; journals-orders@mit.edu. Institutional orders for back issues (1988-) should also be ordered from MIT Press Journals. All other journal back issues orders are available through the ACL. **Publications:** Non-members and institutions must place orders directly to: Morgan Kaufmann Publishers, Order Fulfillment Department, 6277 Sea Harbor Drive, Orlando, FL, 32887 USA, +1-800-745-7323 phone, +1-800-874-6418 fax, orders@mkp.com.

JOURNAL BACK ISSUES: Back issues of Computational Linguistics and two supplements, a Directory of Graduate Programs in Computational Linguistics, 3rd edition, and a Survey of Computational Linguistics Courses, revised in 1993, are available from the ACL Office to members, non-members and institutions alike. Surface mailing costs are included in the prices; additional charges for 1st class or air delivery are noted. ORDERS BY MEMBERS FOR USE IN LABORATORIES OR LIBRARIES MUST BE PAID AT THE "OTHERS" RATE.

PROCEEDINGS: Proceedings are available to ACL members through the ACL. COLING proceedings may also be ordered through the ACL. Surface mailing costs are included in the prices; additional charges for 1st class or air delivery are noted on the order form. ORDERS BY MEMBERS FOR USE IN LABORATORIES OR LIBRARIES MUST BE PAID AT THE "OTHERS" RATE.

PREPAYMENT is necessary; invoices and receipts are available upon request. The U.S. dollar price is definitive when paying in other currencies, although rounding off is appropriate. CHECKS AND MONEY ORDERS SHOULD BE PAYABLE TO THE ASSOCIATION FOR COMPUTATIONAL LINGUISTICS (or to ACL). Payment may be made by sending this form (or all pertinent details) and credit card information in email to <u>acl@aclweb.org</u>, or by fax. The following payment choices are available:

1. CREDIT CARDS: Credit card payments MUST BE MADE TO THE ACL OFFICE IN THE USA. Visa and Mastercard only. Email, fax or hardcopy are acceptable.

2. CHECKS/MONEY ORDERS: TO THE ACL OFFICE IN THE USA: Send this dues form in hardcopy with a check or money order to the address below. PAYMENTS MUST BE IN U.S. DOLLARS, DRAWN ON A U.S. BANK OR IN U.S. OR CANADIAN DOLLARS (CALCULATED AT THE CURRENT EXCHANGE RATE), DRAWN ON A CANADIAN BANK.

3. PAYMENTS TO EUROPE: Mail this form to Rosner with either (i) a Eurocheque or banker's draft IN SWISS FRANCS, payable "ACL" or (ii) a standard personal cheque drawn on a French bank in FRENCH FRANCS, payable "ACL" or (iii) photocopy evidence of interbank transfer to "ACL", account number 141.880.LAV at the Union Bank of Switzerland, 8 Rue du Rhone, CH-1211 Geneva 11, SWITZERLAND. Dollar price is definitive. For exchange rate information, use daily published exchange rate or see http://www.cs.um.edu.mt/acl/. NOTE THAT EUROPEAN MEMBERS SHOULD PAY THROUGH ROSNER UNLESS THEY PAY BY CREDIT CARD OR USE A U.S. BANK ACCOUNT.

Assoc. for Computational Linguistics	+1-732-342-9100 phone;	Dr. Michael Rosner	+356-32-90-25-04 phone;		
75 Paterson Street, Suite 9	+1-732-342-9339 fax	Dept. Computer Science & AI	+356-32-05-39 fax		
New Brunswick, NJ 08901 USA	acl@aclweb.org	University of Malta	mros@cs.um.edu.mt		
		Msida, MALTA			

Guidelines for Submissions

Manuscripts for **Computational Linguistics** should be submitted on letter-size paper (8.5 by 11 inches, or A4), double-spaced and single-sided throughout, including footnotes and references. The paper should begin with an informative abstract of approximately 150–250 words. Manuscripts must be written in English. Contact the editor regarding the possibility of electronic submission.

Submissions may be made in any of the following categories:

Papers: This category includes contributions that report significant new research results in computational linguistics or that provide critical reviews of the literature on a particular topic. The length of a paper depends on its content, but it is suggested that manuscripts be limited to forty double-spaced pages. That is the equivalent of thirty journal pages. Each paper is fully refereed by three or four experts in the field. Manuscripts may also be submitted electronically; consult http://www.aclweb.org/cl/submit.txt for instructions and pointers to the IAT_EX style files. The submission of an article to CL for refereeing means that the author certifies the manuscript is not copyrighted; nor has it been published or submitted for publication to another refereed journal. If any version of the paper has appeared, or will appear, in a nonrefereed publication, the details of such publication must be made known to the Editor at the time of submission. The final version of a paper tentatively accepted for publication must be accompanied by a Copyright Transfer Agreement signed by all of the authors or, in the case of a "work for hire," by the employer. This written transfer is necessary under the 1978 U.S. Copyright law.

Letters to the Editor: This category includes statements of opinion on issues relevant to the readership. The Editor and the editorial board will evaluate the appropriateness of these contributions for inclusion.

Five copies of papers or three copies of letters should be sent to:

Julia Hirschberg, CL Editor AT&T Labs-Research, Room A257 180 Park Avenue Florham Park, NJ 07932-0971 (+1 973) 360-8330; acl@research.att.com

Squibs and Discussions: This category includes short articles reporting technical results, discussions of results, algorithms, or new computational linguistic data or tools of interest to the journal readership. Submission format is the same as for regular papers, but the length should in no case exceed eight journal pages. Electronic submissions (IAT_EX source, postscript or plain text) are welcome and should be submitted to:

Pierre Isabelle, CL Squibs and Discussions Editor Xerox Research Centre Europe 6, chemin de Maupertuis 38240 Meylan, France +33 4 76 61 51 98; Pierre.Isabelle@xrce.xerox.com

Book Section: Anyone interested in reviewing a book, or in suggesting a book for review, should contact the Book Review Editor; publishers may also submit copies of books for review directly to:

Graeme Hirst, CL Book Review Editor University of Toronto Department of Computer Science Toronto, CANADA M5S 3G4 (+1 416) 978-8747; gh@cs.toronto.edu Founded in 1962, the Association for Computational Linguistics (ACL) is the primary scientific and professional society for natural language processing research and applications. A European chapter was established in 1982 and a North American chapter was established in 1999. Besides publishing *Computational Linguistics*, the ACL holds international meetings annually as well as sponsoring frequently-held European and North American chapter meetings where the state-of-the-art in natural language processing research and development is presented. Special interest groups on the Mathematics of Language, the Lexicon, Parsing, Generation, Computational Phonology, Multimedia Language Processing, Very Large Corpora, Natural Language Learning, and Dialogue Processing have been formed; others are likely to be added.

President (2000)

Vice-President (2000)

Vice President-elect (2000)

Secretary-Treasurer (1998-01)

Past-President (2000)

Business Manager (1999-01)

Executive Committee

(1998-00)

(1999-01)

(2000-02)

(2000-02)

Journal Editor

Chair of the EACL (1999–2000)

Chair of the NAACL (2000–2001)

Nominating Committee (1998–00)

(1999-01)

(2000-02)

Wolfgang Wahlster DFKI Stuhlsatzenhausweg 3 D-66123 Saarbruecken GERMANY +49-681-302-5252; +49-681-302-5341 fax wahlster@dfki.de

Eduard Hovy USC Information Sciences Institute 4676 Admiralty Way Marina del Rey, CA 90292-6695 USA (+1-310) 448-8731; (+1-310) 823-6714 fax hovy@isi.edu

John Nerbonne University of Groningen P.O. Box 716 Oude Kijk in 't Jatstraat 26 NL-9700 AS Groningen The Netherlands (+31) 50 363 58 15; (+31) 50 363 68 55 fax nerbonne@let.rug.nl

Kathleen F. McCoy University of Delaware Computer and Information Sciences Newark, DE 19716, USA (+1-302) 831-1956; mccoy@cis.udel.edu (+1-302) 831-4091 fax

Philip R. Cohen Center for Human-Computer Communication Oregon Graduate Institute 20000 NW Walker Road Beaverton, OR 97006, USA (+1-503) 690-1326; (+1-503) 690-1548 pcohen@cse.ogi.edu

Priscilla Rasmussen Association for Computational Linguistics (ACL) 75 Paterson Street, Suite 9 New Brunswick, NJ 08901, USA (+1-732) 342-9100; (+1-732) 342-9339 fax acl@aclweb.org

President, Vice-President, Vice President-elect, Secretary-Treasurer, Past-President and: Stephen Pulman, University of Cambridge/SRI Cambridge sgp@cam.sri.com Dekai Wu, University of Science and Technology dekai@cs.ust.hk Felisa Verdejo, Universidad Nacional de Educacion a Distancia felisa@ieec.uned.es David Yarowsky, Johns Hopkins University yarowsky@cs.jhu.edu Julia Hirschberg, AT&T Labs-Research julia@research.att.com Donia Scott, University of Brighton Donia.Scott@itri.brighton.ac.uk Diane Litman, AT&T Labs-Research diane@research.att.com

Mitch Marcus, University of Pennsylvania mitch@linc.cis.upenn.edu Eva Hajicova, Charles University hajicova@ufal.ms.mff.cuni.cz Philip R. Cohen, Oregon Graduate Institute pcohen@cse.ogi.edu