#### **International Phonetic Association**

#### General information

For general information on the International Phonetic Association contact:

Secretariat, International Phonetic Association Department of Theoretical and Applied Linguistics School of English Aristotle University of Thessaloniki Thessaloniki 54124

Greece

Tel: (+30) 2310 997429 Fax: (+30) 2310 997432 E-mail: knicol@enl.auth.gr

#### IPA on the Web

The IPA also maintains a site on the World Wide Web which provides information on the International Phonetic Alphabet, on available phonetic fonts and sound recordings, on subscription to the Association, and on examinations in phonetics. It also has links to other sources of information on phonetics. The address is:

http://www.arts.gla.ac.uk/IPA/ipa.html

Audio files of the recorded material accompanying the language Illustrations in the Handbook of the International Phonetic Association, published by Cambridge University Press in 1999, may be downloaded from the following web site:

http://web.uvic.ca/ling/resources/ipa/handbook.htm

Audio files of the recorded material accompanying language Illustrations published in the Journal of the International Phonetic Association since 1998 (after the publication of the Handbook of the International Phonetic Association) may be downloaded from the following privileged-access website available to registered members of the IPA:

http://web.uvic.ca/ling/resources/ipa/members

Members can contact the Secretary to obtain a username and a password.

#### Membership services and publications

The annual dues of the Association for 2009 are 45 euros for full membership and 22.50 euros for student membership. They should be paid to the Treasurer, International Phonetic Association, Department of Applied Linguistics, School of Languages and European Studies, University of Reading, Whiteknights, Reading RG6 6AA, UK. Life membership is obtainable by paying the equivalent of twenty years' annual dues, 900 euros. A membership application form is printed overleaf. Membership includes a subscription to the Journal. Payment can be made by credit card using the on-line facility at:

http://www.arts.gla.ac.uk/ipa/subs.html

Members receive three numbers of the Journal each year. Back issues of the Journal may also be obtained. For the years 1970–2000, information is available at:

http://www.arts.gla.ac.uk/ipa/back\_issues.html.

The prices per issue are (including postage & packaging):

IPA members: 15.00 euros Non-members: 25.00 euros Institutions: 47.50 euros

IPA members who wish to obtain back issues of JIPA from 2001 to the present can do so by contacting the Treasurer. Non-members may obtain back issues of JIPA from 2001 to the present directly from Cambridge University Press, by e-mailing journals@cambridge.org.

#### (This page may be photocopied)

#### **International Phonetic Association**

Membership form

The subscription to the Association is 45 euros per annum. Payment can be made by credit card using the on-line facility at http://www.arts.gla.ac.uk/ipa/subs.html or by faxing the form below. Alternatively, payment can be made by sterling cheque (see below). Life membership can be obtained by paying the equivalent of 20 years' annual subscription (900 euros). Student membership for one year is 22.50 euros when accompanied by a letter from the student's department certifying full-time student status. For an institution or library, subscriptions to JIPA are available through Cambridge University Press.

Member information	
and other publications as they are issued.	national Phonetic Association, and send me the <i>Journal Please type or use BLOCK CAPITALS</i> .
Title: Prof./Dr./Mr./Ms./Mrs./Miss	Surname:
Other names:	
Postal address:	Institutional address (if different):
Telephone:E-mail address:	Fax:
Nationality:	Profession:
Signature:Contact information will be published in JIPA unless NOT wish any of the following to be published.	Date:ss you make a request to the contrary. Please indicate if you do DO NOT PUBLISH: □ E-mail □ Telephone □ Fax
Payment ☐ I have sent/will send my subscription usi http://www.arts.gla.ac.uk/ipa/subs.html.	ng the on-line facility at
☐ I enclose a sterling cheque, made payab contact the Treasurer for the current sterling	le to the International Phonetic Association. (Please rate.)  or
☐ Please charge my Access/Visa/Masterca 45 euros*being my dues for the year 2009. (	ard/Eurocard (circle as appropriate) with the sum of Post or fax this information.)
* If payi	ng life or student membership, please adjust this value.
Card No:	Expiry date:
Signature:	Date:
	Send this form to:
Name and address as registered with the credit card company:	Dr Linda Shockey Treasurer, International Phonetic Association
	Department of Applied Linguistics School of Languages and European Studies University of Reading Whiteknights

Reading, RG6 6AA, UK Fax: +44 118 9753365



# LaserIPA® in Unicode™ \$99.95

LaserIPA® in Unicode™, TrueType® International Phonetic Alphabet font. Includes the "IPA Extensions," "Spacing Modifiers," & "Combining Diacritics" sections of the Unicode Standard. Works in Word 2003 on Windows, or Mellel word processor on the Mac (\$25). **20% DISCOUNT** off IPA / any Linguist's Software product (2000 languages avail.). Note "JIPA referral" when ordering.

### Characters in the IPA Extensions section:

rapbocdd səəresə səfgggyvyh h h lllt m m m n n n в ce o ф л l l l l t r r s k l r d f f dz dz dz ts tf tc fn ls lz ж н

## Characters in the Combining Diacritical Marks section:

ÒÓÔÕŌŌŎĊĠĠĠŐŎĠŮÖÕÔÓÓĠĠĠĢĢŌ °ÇÇÇÇÇÇÇÇÇÇÇÇÇÇÇÇ ⊖02ÇÇÇĞÖĠŌQ

# Additional Special and Custom Characters

αβγθλπσυφχπλγις ch kh  $\infty$  oi oo ou sh th th ov zh  $\xi$  th th  $\xi$  th

#### **C**AMBRIDGE

# Leaders in Linguistics from Cambridge

#### Second Edition!

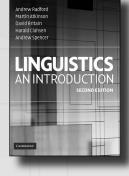
## Linguistics

An Introduction

Andrew Radford, Martin Atkinson, David Britain, Harald Clahsen, and Andrew Spencer

\$130.00: Hardback: 978-0-521-84948-7: 464 pp. \$48.00: Paperback: 978-0-521-61478-8

Written by a team based at one of the world's leading centers for linguistic teaching and research, the second edition of this highly successful textbook offers a unified approach to language, viewed from a range of perspectives essential for students' understanding of the subject.



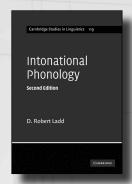
#### Second Edition!

# **Intonational Phonology**

D. Robert Ladd

Cambridge Studies in Linguistics \$120.00: Hardback: 978-0-521-86117-5: 370 pp. \$48.00: Paperback: 978-0-521-67836-0

This second edition presents a completely revised overview of research on intonational phonology since the 1970s, including new material on research developments since the mid 1990s.



# The Sound Structure of English

An Introduction

Chris McCully

Cambridge Introductions to the English Language \$90.00: Hardback: 978-0-521-85036-0: 264 pp.

\$32.99: Paperback: 978-0-521-61549-5

The Sound Structure of English provides a clear introduction to English phonetics and phonology.



Prices subject to change.

www.cambridge.org/us



## **JOURNALS**



# Journal of Linguistics

Published for The Journal of the Linguistics Association of Great Britain

#### **Journal of Linguistics**

is available online at: journals.cambridge.org/lin

#### To subscribe contact Customer Services

#### in Cambridge:

Phone +44 (0)1223 326070 Fax +44 (0)1223 325150 Email journals@cambridge.org

#### in New York:

Phone (845) 353 7500 Fax (845) 353 4141 Email subscriptions\_newyork@cambridge.org

#### **Editors**

Nigel Fabb, University of Strathclyde, UK Caroline Heycock, University of Edinburgh, UK Robert D. Borsley, University of Essex, UK

Journal of Linguistics aims to publish articles that make a clear contribution to current debate in all branches of theoretical linguistics. The journal also provides an excellent survey of recent linguistics publications, with around thirty book reviews in each volume and regular review articles on major works marking important theoretical advances.

Price information is available at: journals.cambridge.org/lin

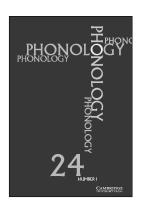
#### Free email alerts

Keep up-to-date with new material – sign up at journals.cambridge.org/register

For a free online sample visit: journals.cambridge.org/lin



# **JOURNALS**



# **PHONOLOGY**

#### Phonology

is available online at: journals.cambridge.org/pho

#### To subscribe contact Customer Services

#### in Cambridge:

Phone +44 (0)1223 326070 Fax +44 (0)1223 325150 Email journals@cambridge.org

#### in New York:

Phone (845) 353 7500 Fax (845) 353 4141 Email subscriptions\_newyork@cambridge.org

#### **Editors**

Colin J. Ewen, University of Leiden, The Netherlands Ellen M. Kaisse, University of Washington, USA

Phonology is the only journal devoted exclusively to the discipline, and provides a unique forum for the productive interchange of ideas among phonologists and those working in related disciplines. The journal carries research articles, as well as book reviews and shorter pieces on topics of current controversy within phonology.

Price information is available at: journals.cambridge.org/pho

#### Free email alerts

Keep up-to-date with new material – sign up at journals.cambridge.org/register

For a free online sample visit: journals.cambridge.org/pho



#### Journal of the International Phonetic Association

#### NOTES FOR CONTRIBUTORS

Editorial policy The Journal of the International Phonetic Association is concerned with all aspects of the theory, description, and use of phonetics and phonology. Contributions are subject to review and to the Editor's final decision as to publication. The primary language of the Journal is English, though contributions in other languages of wide scholarly currency may be accepted. Contributions in English may use either British or American standard spelling and punctuation,

Submission of manuscripts Except for book reviews, all manuscripts should be submitted to John Esling, Editor of JIPA (esling@uvic.ca). Initially, submissions should be in a form that can be conveniently read by Editors and reviewers, and tables and figures should be included in the same document as the text. Papers may be submitted in hard copy triplicate, but electronically submitted PDF files, e-mailed as AuthorName.pdf attachments (e.g. Smith.pdf) or sent on disc, are preferable. An e-mail address is required for publication. Most standard word-processing formats (for either PC or Macintosh) are

Books for review and manuscripts of book reviews should be sent to Linda Shockey, Reviews Editor (School of Linguistics and Applied Language Studies, University of Reading, P.O. Box 218, Reading, RG6 6AA, UK; 1.shockey@reading.ac.uk).

After a paper or a book review has been accepted for publication, authors must be prepared to submit it as specified below. If extensive re-formatting is necessary, the Editors reserve the right to refer the manuscript to the author for improvements. Phonetic transcriptions should make use of the symbols and conventions of the Association's alphabet in its latest revision. Text should use 12 pt Times font and - consistently throughout the entire manuscript - IPAKiel or similar fonts for phonetic symbols. SIL fonts or compliant Unicode fonts similar in style to LaserIPA in Unicode (from Linguist's Software Inc. http://www.linguistsoftware.com/liu.htm) may also be used. It is important that all IPA symbols throughout the paper are entered from a single set of fonts. The LaserIPA in Unicode fonts used in JIPA are available at 20% discount if you note 'JIPA referral' when ordering from www.linguistsoftware.com/liu.htm.

The final version of all material accepted for publication, including final tables and graphics files, must be submitted in identical DOC and PDF files.

Manuscript style. Page layout and text organization. The text should be double-spaced with 1" (2.5 cm) margins on all sides, and page numbers in the top right corner. Material in longer articles may be organized into sections (numbered 1, 2, etc.) and subsections (numbered (1.1, 1.1.2, etc.) that have their own titles. All section headings should be on a separate line, in bold and flush left. Please avoid automatic formatting of section numbers and titles. Acknowledgements and any appendices should follow the text and precede the references. The (approximate) position of each table and figure must be indicated in the main-text file and there must be an explicit mention of each table and figure within the text of the article. See further instructions in section 'Tables and figures' below. Book reviews should not include section headings or appendices. Illustrations of the IPA use specific standardized headings.

Abstracts. Papers must include an abstract of up to 200 words. Contributions in languages other than English should be accompanied by an abstract in English. Book reviews and Illustrations of the IPA do not need an abstract.

Footnotes and references. Footnotes should be avoided as far as possible. Citations in the text should give the name of the author and the year of publication, and, where relevant, the page(s) referred to; e.g. '(Jones 1963)', 'Abercrombie (1967: 161)'. Where essential, footnotes should be numbered consecutively in superscript Arabic numerals throughout the text, and collected as endnotes at the end of the manuscript, after the references. All and only works referred to in the text and footnotes should be listed in the list of references. Use the following format, noting authors'/editors' FIRST NAMES IN FULL, the first-name-surname order except when at the start of an entry, capitalization patterns in article, book and journal titles, and the use of italics and punctuation, including the long hyphen (-) and the ampersand (&).

Boersma, Paul & David Weenink. 2006. Praat: Doing phonetics by computer (version 4.4.34). http://www.praat.org/ (24 May 2007).

Esling, John H. 1996. Pharyngeal consonants and the aryepiglottic sphincter. Journal of the International Phonetic Association 26(1), 65–88.

O'Connor, J. D. & Gordon F. Arnold. 1973. Intonation of colloquial English, 2nd edn. London: Longman.

Sampson, Geoffrey. 1987. Probabilistic models of analysis. In Richard Garside, Geoffrey Leech & Geoffrey Sampson (eds.), The computational analysis of English, 30–41. London: Longman.

Smiljanić, Rajka. 2002. Lexical, pragmatic and positional effects on prosody in two dialects of Croatian and Serbian: An acoustic study. Ph.D. dissertation, University of Illinois at Urbana-Champaign.

Tables and figures. In the final version, all tables and figures should be submitted as clear originals on paper and as computer files, in black and white or grey (not colour). The hard copy of each table and figure should be on a separate page (even if the object is small), with the table or figure number identified. In the electronic version, all the tables must be in a single file (named e.g. Smith-Tables\_1-8.doc). The title of each table should be placed just above the table. Unless they are particularly intricate, tables should contain horizontal lines only. Figures must be produced electronically or drawn to a standard that will allow all lines and text in the figures to be reproduced clearly in print. The resolution must be at least 400 dpi. All the figure captions should be listed at the end of the manuscript in the hard copy, and the list should be in a separate electronic file (Smith-Captions.doc). Each figure in the electronic version should be in a separate file, without any captions or figure numbers – just the object by itself; the figure will be identifiable from the name of its file (e.g. Smith-Fig1). When appropriate, authors should give details of any non-standard hardware and the program(s) used for creating the files.

Recordings of data. Contributions to Illustrations of the IPA should be accompanied at the time of submission to the Editor by high-quality recordings, preferably as WAV (.wav) files with at least a 22 kHz sampling rate, of all words and narrative text in the target language occurring anywhere in the Illustration. Further instructions on the form of Illustrations are available from

**Proofs and PDF files.** Authors (or their nominees) will be asked by e-mail to download proofs as PDF files. They will be asked to correct the proofs and send the corrections to the designated Editor and to the copy-editor, preferably by e-mail, within three days of receipt. Upon publication, authors will be supplied with two hard copies of the journal issue in which their article is

# Journal of the

# **International Phonetic Association**

ARTICLES	
Anne Pycha Lengthened affricates as a test case for the phonetics-phonology interface	1
Marija Tabain	•
A preliminary study of jaw movement in Arrernte consonant production	33
Ela Thurgood	
Coronal contrasts in Anong	53
THE INTERNATIONAL PHONETIC ALPHABET	
Robert Englebretson	
An overview of IPA Braille: An updated tactile representation of the International Phonetic Alphabet	67
Reviews	
Juliette Blevins: Evolutionary Phonology: The emergence of sound patterns (Elinor Payne)	87
David B. Pisoni & Robert E. Remez (eds.): The handbook of speech perception (Ruben van de Vijver)	95
Mark Tatham & Katherine Morton: Speech production and perception	
(Stefan A. Frisch & Sylvie M. Wodzinski)	98
Thomas E. Zurinskas: Analysis of the sounds (phonemes) of USA English (Kevin Watson)	101
ILLUSTRATIONS OF THE IPA	
Wai-Sum Lee & Eric Zee: Hakka Chinese	107
Bert Remijsen & Caguor Adong Manyang: Luanyjang Dinka	113
Illustrations of the IPA published in <i>JIPA</i> 1998–2008	125
IPA News	
IPA Life Membership	127

**Cambridge Journals Online**For further information about this journal please go to the journal website at:

journals.cambridge.org/ipa

