

International Phonetic Association

Council 2019–2023

Executive

MICHAEL G. ASHBY, UK (*President*)
AMALIA ARVANITI, UK (*Vice-President*)
GERARD DOCHERTY, Australia (*Secretary*)

MARIJA TABAIN, Australia (*Editor*)
GHADA KHATTAB, UK (*Treasurer*)

Full Council Member List

PROF. AMALIA ARVANITI, UK	PROF. ASHER LAUFER, Israel
DR. MICHAEL G. ASHBY, UK	DR. WAI-SUM LEE, Hong Kong
DR. PATRICIA D. S. ASHBY, UK	PROF. KIKUO MAEKAWA, Japan
PROF. PLINIO ALMEIDA BARBOSA, Brazil	DR. ALEXIS MICHAUD, Vietnam
PROF. PATRICE SPEETER BEDDOR, USA	PROF. AILBHE N. NI CHASAIDE, Ireland
PROF. SONIA MARISE DE CAMPOS FROTA, Portugal	ASSOC. PROF. KATERINA NICOLAIDIS, Greece
PROF. GERARD DOCHERTY, Australia	PROF. FRANCIS J. NOLAN, UK
PROF. EMER. JOHN H. ESLING, Canada	PROF. DANIEL RECASENS, Spain
PROF. JANET FLETCHER, Australia	PROF. JANE E. SETTER, UK
PROF. EMER. WILLIAM J. HARDCASTLE, UK	PROF. DR. ADRIAN P. SIMPSON, Germany
PROF. KEITH JOHNSON, USA	PROF. MARIA-JOSEP SOLÉ, Spain
PROF. PATRICIA A. KEATING, USA	PROF. JANE STUART-SMITH, UK
DR. GHADA KHATTAB, UK	PROF. MARIJA TABAIN, Australia
DR. JAMES KIRBY, UK	PROF. MASAKI TANIGUCHI, Japan
PROF. ALEXEI KOCHETOV, Canada	PROF. DR. WEIJING ZHOU, China

International Phonetic Association

For general information on the International Phonetic Association please visit <https://www.internationalphoneticassociation.org/>. The IPA maintains a site with 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.

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:

<https://www.internationalphoneticassociation.org/content/handbook-ipa>

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:

<https://www.internationalphoneticassociation.org/content/sound-recordings>

Membership services and publications

The annual dues of the Association for the current year are £30 for full membership and £15 for student membership. Both types of membership include online access to the Journal. Application for membership, and payment, should be made online at:

<https://www.internationalphoneticassociation.org/content/membership>

Life membership (with online Journal access) is obtainable by paying the equivalent of twenty years' annual dues (£600).

Members in any category can additionally receive print copies of the Journal (three issues each year) by paying an annual print supplement (£20 for 2020, and subject to annual review).

Copying

This journal is registered with the Copyright Clearance Center, 222 Rosewood Drive, Danvers, MA 01923, USA. Organizations in the USA who are also registered with the C.C.C. may, therefore, copy material (beyond the limits permitted by sections 107 and 108 of U.S. Copyright law) subject to payment to the C.C.C. of the per copy fee of \$12.00. This consent does not extend to multiple copying for promotional or commercial purposes. Code 0025-1003/2017. ISI Tear Sheet Service, 3501 Market Street, Philadelphia, PA 19104, USA, is authorized to supply single copies of separate articles for private use only. Organizations authorized by the Copyright Licensing Agency may also copy material subject to the usual conditions. For all other use, permission should be sought from Cambridge or from the American Branch of Cambridge University Press.

Journal of the International Phonetic Association

Volume 50 Number 2 August 2020

ARTICLES

Morgan Sleeper

Contact effects on voice-onset time (VOT) in Patagonian Welsh 153

Jonathan Morris & Miša Hejné

Pre-aspiration in Bethesda Welsh: A sociophonetic analysis 168

Almut Braun

IPATranscriptor: A Python program for narrow phonetic transcription for blind and sighted linguists 193

Lei Wang, Carlos Gussenhoven & Jie Liang

How to pronounce a low tone: A lesson from Kaifeng Mandarin 199

ILLUSTRATIONS OF THE IPA

Laura McPherson: Seenku 220

Wen Liu, You-Jing Lin, Zhenghui Yang & Jiangping Kong: Hmu (Xinzhai variety) 240

Ting Zeng: The Xiangxiang dialect of Chinese 258

Qandeel Hussain, Michael Proctor, Mark Harvey & Katherine Demuth: Punjabi (Lyallpuri variety) 282

REVIEWS

Brian Willan: *Sol Plaatje: A life of Solomon Tshekisho Plaatje, 1876–1932*
(Boikanyego Sebina & Michael Ashby) 298

Paul Carley, Inger M. Mees & Beverley Collins: *English phonetics and pronunciation practice*
(Jack Windsor Lewis) 301

Luciano Canepari: *English pronunciation & accents: Geo-social applications of the natural
phonetics & tonetics method*
(José Luis Pobleto Bravo) 303

Cambridge Core

For further information about this journal
please go to the journal website at:
[cambridge.org/ipa](https://doi.org/10.1017/S0025100320000171)



MIX
Paper from
responsible sources
FSC® C007785

CAMBRIDGE
UNIVERSITY PRESS