

Journal of
Phonetics

Volume 30, Issue 3, 2002

Special Issue: 5th Seminar on Speech Production:
Models and Data. 1–4th May 2000,
Kloster Seeon, Germany

Guest Editors

Phil Hoole
Masaaki Honda
Christine Mooshammer

Editor

Gerry Docherty

Associate Editors

Jonathan Harrington
Amanda Walley
Doug Whalen

Contents

Special Issue

5th Seminar on Speech Production: Models and Data. 1–4th May
2000, Kloster Seeon, Germany

Guest Editors

Phil Hoole, Masaaki Honda and Christine Mooshammer

Guest Editors' Preface 259

Gomi, H., Honda, M., Ito, T., Murano, E. Z.,
Compensatory articulation during bilabial fricative production by regulating muscle stiffness 261

Honda, M., Fujino, A., Kaburagi, T.,
Compensatory responses of articulators to unexpected perturbation of the palate shape 281

Jones, J. A., Munhall, K. G.,
The role of auditory feedback during phonation: studies of Mandarin tone production 303

Deger, K., Ziegler, W.,
Speech motor programming in apraxia of speech 321

Mooshammer, C., Fuchs, S.,
Stress distinction in German: simulating kinematic parameters of tongue-tip gestures 337

Gick, B., Min Kang, A., Whalen, D. H.,
MRI evidence for commonality in the post-oral articulations of English vowels and liquids 357

Ellis, L., Hardcastle, W. J.,
Categorical and gradient properties of assimilation in alveolar to velar sequences: evidence from
EPG and EMA data 373

Fitzpatrick, L., Ní Chasaide, A.,
Estimating lingual constriction location in high vowels: a comparison of
EMA- and EPG-based measures 397

Simpson, A. P., Gender-specific articulatory–acoustic relations in vowel sequences	417
<hr/>	
Jesus, L. M. T., Shadle, C. H., A parametric study of the spectral characteristics of European Portuguese fricatives	437
<hr/>	
Boë, L.-J., Heim, J.-L., Honda, K., Maeda, S., The potential Neandertal vowel space was as large as that of modern humans	465
<hr/>	
Story, B. H., Titze, I. R., A preliminary study of voice quality transformation based on modifications to the neutral vocal tract area function	485
<hr/>	
Dang, J., Honda, K., Estimation of vocal tract shapes from speech sounds with a physiological articulatory model	511
<hr/>	
Badin, P., Bailly, G., Revéret, L., Baciú, M., Segebarth, C., Three-dimensional linear articulatory modeling of tongue, lips and face, based on MRI and video images	533
<hr/>	
Yehia, H. C., Kuratate, T., Vatikiotis-Bateson, E., Linking facial animation, head motion and speech acoustics	555
<hr/>	
Kroos, C., Kuratate, T., Vatikiotis-Bateson, E., Video-based face motion measurement	569
<hr/>	