

ACTES DU XII^{ème} CONGRES INTERNATIONAL DES SCIENCES PHONETIQUES

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PROCEEDINGS OF THE XIIth INTERNATIONAL CONGRESS
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AIX-EN-PROVENCE, FRANCE - August 19-24, 1991

SESSIONS ORALES / ORAL SESSIONS

SESSION 1 : Production

(Théories, modèles, méthodes / Theory, models, methodology)

- 1 Préparation motrice et sélection de cibles articulaires accentuées.**
Lise Crevier-Buchman, J.F. Bonnot, Claude Chevrier-Muller, Catherine Arabia-Guidet 2:2
- 2 The distinction of central and peripheral speech timing mechanisms**
Eric Keller 2:6
- 3 Constraints on the behavior of the tongue body : vowels and alveolar stop consonants.**
Simon Levy 2:10
- 4 Word- and phrase-level aspects of vowel reduction in Italian.**
Edda Farnetani, Mario Vayra 2:14
- 5 Production des voyelles et modèle à régions distinctives.**
René Carré, Mohamed Mrayati 2:18
- 6 Correcting erroneous information in spontaneous speech : cues for ASR.**
Peter Howell 2:22
- 7 Prosodic effects on articulatory gestures. A model of temporal organization.**
Osamu Fujimura, Donna Erickson, Reiner Wilhelms 2:26
- 8 Stuttering as indication of speech planning.**
Marina Koopmans, Iman Slis, A. Rietveld 2:30
- 9 MRI (Magnetic Resonance Imaging) for filming articulatory movements.**
Arne-Kjell Foldvik, Olaf Husby, Jorn Kvaerness, Ingrid C. Nordli, Peter A. Rinck 2:34

SESSION 2 : Production

(Analyse et description / Analysis and description)

- 1 **Stability of voice frequency measures in speech.**
William Barry, Michael Goldsmith, Adrian Fourcin, Hilary Fuller 2:38
- 2 **Electromyographic study on Laryngeal adjustment for whispering.**
Koichi Tsunoda, Seiji Niimi, Hajime Hirose, Katherine S. Harris, Thomas Baer 2:42
- 3 **The intrinsic fundamental frequency of vowels and the activity in the cricothyroid muscle.**
Niels Dyhr 2:46
- 4 **Laryngeal and oral gestures in English /P, T, K/**
André M. Cooper 2:50
- 5 **Devoicing of Japanese /u/ : an electromyographic study.**
Zyun'ici B. Simada, Satoshi Horiguchi, Seiji Niimi, Hajime Hirose 2:54
- 6 **Is subglottal pressure a contributing factor to the intrinsic F0 phenomenon ?**
Erkki-Antero Vilkman, Ilkka Raimo, Olli Aaltonen 2:58
- 7 **Modelling of speech motor control and articulatory trajectories.**
Pascal Perrier, Raphaël Laboissiere, Laurent Eck 2:62
- 8 **Trying to determine place of articulation of plosives with a vocal tract model.**
Alain Soquet, Marco Saerens, Paul Jospa 2:66
- 9 **Complex nature of the seemingly simple vocal fold cycle.**
Josef Pesak 2:70

SESSION 3 : Perception

(Théories, modèles, méthodes / Theory, models, methodology)

- 1 **An investigation of locus equations as a source of relational invariance for the stop place dimension.**
Harvey Sussman 2:74
- 2 **Modelling speech perception in noise : a case study of the place of articulation feature.**
Abeer Alwan 2:78
- 3 **Mechanisms of vowel perception : evidence from step vowels.**
Frank Gooding 2:82
- 4 **Two processing mechanisms in rhythm perception.**
Morio Kohno, Asako Kashiwagi, Toshihiro Kashiwagi 2:86
- 5 **Lexical stress in a "stressless" language : judgments by Telugu-and English-speaking linguists.**
Leigh Lisker, Bh. Krishnamurti 2:90
- 6 **Connectionist models of Speech Perception.**
Dominic W. Massaro 2:94
- 7 **Perception of spectrally compressed speech.**
Richard Hurtig 2:98
- 8 **A model of optimal tonal feature perception.**
David House 2:102
- 9 **On the perception of duration of the Czech vowels.**
Jevgenij Timofejev 2:106

SESSION 4 : Aspects Linguistiques/Linguistic Aspects Phonologie / Phonology

- 1 **Differentiating between phonetic and phonological processes : the case of nasalization.**
Maria-Josep Solé, John J. Ohala 2:110
- 2 **Spirantisation, charme et gouvernement : l'identité et les métamorphoses de [g] en mooré.**
Georges Hérault 2:114

