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Liste des publications classées

I. Revues à comité de lecture

1. **Bailly, G., to appear.** Audiovisual speech synthesis. *International Journal of Speech Technology*
2. **Bailly, G. 2003.** “Close Shadowing Natural Versus Synthetic Speech.” *International Journal of Speech Technology* 6(1): 11-19.
3. **Badin, P., Bailly G., Revéret L., Baciú M., Segebarth C. Savariaux C., 2002.** “Three-dimensional linear articulatory modeling of tongue, lips and face based on MRI and video images.” *Journal of Phonetics* 30(3): 533-553.
4. **Beautemps, D.; Badin, P.; Bailly, G., 2001.** Degrees of freedom in speech production: analysis of cineradio- and labio-films data for a reference subject, and articulatory-acoustic modeling. *Journal of the Acoustical Society of America*, 109(5):2165-2180.
5. **Morlec, Y.; Bailly, G.; Aubergé, V., 2001.** Generating prosodic attitudes in French: data, model and evaluation. *Speech Communication*, 33(4):357-371.
6. **Mawass, K.; Badin, P.; Bailly, G., 2000.** Articulatory synthesis of French fricative consonants. *Acta Acoustica*, 86:136-146.
7. **Bailly, G., 1998.** Learning to speak. Sensori-motor control of speech movements. *Speech Communication*, 22(2-3):251-267.
8. **Yvon, F.; Boula de Mareuil, P.; d'Alessandro, C.; Aubergé, V.; Bagein, M.; Bailly, G.; Béchet, F.; Foukia, S.; Glodman, J.-F.; Keller, E.; O'Shaughnessy, D.; Pagel, V.; Sannier, F.; Véronis, J.; Zellner, B., 1998.** Objective evaluation of grapheme to phoneme conversion for text-to-speech synthesis in French. *Computer Speech and Language*, 12:393-410.
9. **Barbosa, P.; Bailly, G., 1994.** Characterisation of rhythmic patterns for text-to-speech synthesis. *Speech Communication*, 15:127-137.
10. **Bonnymann, J.; Curtis, K.M.; Bailly, G., 1993.** A transputer-based recurrent neural network for resonance tracking of speech. *Transputer Applications and Systems*, 1:1219-1228.
11. **Bailly, G.; Alissali, M., 1992.** COMPOST: a server for multilingual text-to-speech system. *Traitement du Signal*, 9(4):359-366.
12. **Boë, L.-J.; Perrier, P.; Bailly, G., 1992.** The geometric vocal tract variables controlled for vowel production: Proposals for constraining acoustic-to-articulatory inversion. *Journal of Phonetics*, 20(1):27-38.
13. **Bailly, G.; Laboissière, R.; Schwartz, J.-L., 1991.** Formant trajectories as audible gestures: An alternative for speech synthesis. *Journal of Phonetics*, 19(1):9-23.
14. **Bailly, G.; Liu, J., 1990.** Détection d'indices par quantification vectorielle et réseaux Markoviens. *Journal d'Acoustique*, 3:143-151.
15. **Wang, H.; Bailly, G.; Tuffelli, D., 1990.** Automatic segmentation and alignment of continuous speech based on the temporal decomposition model. In *Journal of the Acoustical Society of America*, S106.
16. **Bailly, G., 1989.** Integration of rhythmic and syntactic constraints in a model of generation of French prosody. *Speech Communication*, 8:137-146.
17. **Bailly, G.; Perrin, A.; Lepage, Y., 1988.** Common approaches in speech synthesis and automatic translation of text. *Bulletin du Laboratoire de la Communication Parlée - Grenoble*, 2B:295-311.
18. **Dakkak, O.A.; Murillo, G.; Bailly, G.; Guérin, B., 1988.** A database of formant parameters for knowledge extraction and synthesis-by-rule. *Bulletin du Laboratoire de la Communication Parlée*,:391-405.

II. Ouvrages édités

1. Vatikiotis-Bateson, E.; Bailly, G.; Perrier, P., In preparation. *Audiovisual speech processing*. Cambridge, MA, USA: MIT Press.
2. **Keller, E.; Bailly, G.; Monaghan, A.I.C.; Terken, J.; Huckvale, M., 2001.** *Improvements in Speech Synthesis*. Chichester, England: J. Wiley & Sons, Ltd.
3. **Bailly, G.; Benoît, C., 1992.** *Talking Machines: Theories, Models and Designs*. Amsterdam: North-Holland. 522.

III. Conférences invitées dans des congrès

1. **Bailly, G.; Holm, B., 2002.** Learning the hidden structure of speech: from communicative functions to prosody. In Symposium on Prosody and Speech Processing. Tokyo, Japan, 113-118.
2. **Bailly, G., 2002.** Audiovisual speech synthesis. From ground truth to models. In International Conference on Speech and Language Processing. Boulder - Colorado, 1453-1456.
3. **Bailly, G., 2001.** audiovisual speech synthesis. In *ETRW on Speech Synthesis*. Perthshire - Scotland.
4. **Bailly, G.; Revéret, L.; Borel, P.; Badin, P., 2000.** Hearing by eyes thanks to the "labiophone": exchanging speech movements. In *COST254 workshop: Friendly Exchanging Through The Net*. Bordeaux - France.
5. **Bailly, G., 1998.** Sinusoidal modelling. . In *COST258 workshop*. Vigo - Spain.
6. **Bailly, G., 1996.** Sensori-motor control of speech movements. In *ETRW on Speech Production Modelling: from Control Strategies to acoustics*. Autrans, 145-154.

IV. Conférences à comité de lecture

1. Congrès internationaux

1. **Bérar, M.; Bailly, G.; Chabanas, M.; Elisei, F.; Odisio, M.; Pahan, Y., accepted.** Towards a generic talking head. In *6th International Seminar on Speech Production*. Sydney- Australia.
2. **Bailly, G.; Campbell, N.; Mobius, B., accepted.** ISCA Special Session: Hot Topics in Speech Synthesis. In *EuroSpeech*. Geneva, Switzerland.
3. **Odisio, M.; Bailly, G., accepted.** Shape and appearance models of talking faces for model-based tracking. In *Audio Visual Speech Processing*. St Jorioz, France.
4. **Bailly, G.; Elisei, F.; Odisio, M.; Pelé, D.; Grein-Cochard, K., 2003.** Objects and agents for MPEG-4 compliant scalable face-to-face telecommunication. In *Smart Object Conference*. Grenoble - France, 204-207.
5. **Holm, B.; Bailly, G., 2002.** Learning the hidden structure of intonation: implementing various functions of prosody. In *Speech Prosody*. Aix-en-Provence, France, 399-402.
6. **Bailly, G.; Badin, P., 2002.** Seeing tongue movements from outside. In *International Conference on Speech and Language Processing*. Boulder - Colorado, 1913-1916.
7. **Bailly, G., 2002.** Audiovisual speech synthesis. From ground truth to models. In *International Conference on Speech and Language Processing*. Boulder - Colorado, 1453-1456.
8. **Bailly, G.; Gibert, G.; Odisio, M., 2002.** Evaluation of movement generation systems using the point-light technique. In *IEEE Workshop on Speech Synthesis*. Santa Monica, CA.
9. **Bailly, G., 2001.** Close shadowing natural vs synthetic speech. In *ETRW on Speech Synthesis*. Perthshire - Scotland.
10. **Elisei, F.; Odisio, M.; Bailly, G.; Badin, P., 2001.** Creating and controlling video-realistic talking heads. In *Auditory-Visual Speech Processing Workshop*. Scheelsminde, Denmark, 90-97.
11. **Badin, P.; Borel, P.; Bailly, G.; Revéret, L.; Baciu, M.; Segebarth, C., 2000.** Towards an audiovisual virtual talking head: 3D articulatory modeling of tongue, lips and face based on MRI and video images. In *Proceedings of the 5th Speech Production Seminar*. Kloster Seeon - Germany, 261-264.
12. **Bailly, G.; Banga, E.R.; Monaghan, A.; Rank, E., 2000.** The Cost258 Signal Generation Test Array. In *Second International Conference on Language Resources and Evaluation*. Athens - Greece, 651-654.
13. **Holm, B.; Bailly, G., 2000.** Generating prosody by superposing multi-parametric overlapping contours. In *Proceedings of the International Conference on Speech and Language Processing*. Beijing, China, 203-206.
14. **Revéret, L.; Bailly, G.; Badin, P., 2000.** MOTHER: a new generation of talking heads providing a flexible articulatory control for video-realistic speech animation. In *International Conference on Speech and Language Processing*. Beijing - China, 755-758.
15. **Bailly, G., 1999.** Accurate estimation of sinusoidal parameters in an Harmonic+Noise Model for speech synthesis. In *Proceedings of the European Conference on Speech Communication and Technology*. Budapest, Hungary, 1051-1054.
16. **Holm, B.; Bailly, G.; Laborde, C., 1999.** Performance structures of mathematical formulae. In *Proceedings of the International Congress of Phonetic Sciences*. San Francisco, USA, 1297-1300.
17. **Morlec, Y.; Bailly, G.; Aubergé, V., 1999.** Training an application-dependent prosodic model: corpus, model and evaluation. In *Proceedings of the European Conference on Speech Communication and Technology*. Budapest, Hungary, 1643-1646.
18. **Badin, P.; Bailly, G.; Boë, L.-J., 1998.** Towards the use of a Virtual Talking Head and of Speech Mapping tools for pronunciation training. In *Proceedings of the ESCA Tutorial and Research Workshop on Speech Technology in Language Learning*. Stockholm - Sweden.
19. **Badin, P.; Bailly, G.; Raybaudi, M.; Segebarth, C., 1998.** A three-dimensional linear articulatory model based on MRI data. In *ESCA/COCOSDA Workshop on Speech Synthesis*. Jenolan Caves, Australia, 249-254.

20. **Badin, P.; Bailly, G.; Raybaudi, M.; Segebarth, C., 1998.** A three-dimensional linear articulatory model based on MRI data. In *Proceedings of the International Conference on Speech and Language Processing*. Sydney, Australia, 417-420.
21. **Bailly, G.; Badin, P.; Vilain, A., 1998.** Synergy between jaw and lips/tongue movements : consequences in articulatory modelling. In *Proceedings of the International Conference on Speech and Language Processing*. Sydney, Australia, 417-420.
22. **Morlec, Y.; Rilliard, A.; Bailly, G.; Aubergé, V., 1998.** Evaluating the adequacy of synthetic prosody in signaling syntactic boundaries: methodology and first results. In *First International Conference on Language Resources and Evaluation*. Granada, Spain.
23. **Neagu, A.; Bailly, G., 1998.** Collaboration and competition of burst and transition cues for the perception and identification of French stops. In *Proceedings of the International Conference on Speech and Language Processing*. Sydney, Australia, 2127-2130.
24. **Mawass, K.; Badin, P.; Bailly, G., 1997.** Synthesis of fricative consonants by audiovisual-to-articulatory inversion. In *Proceedings of the European Conference on Speech Communication and Technology*. Rhodes - Greece, 1359-1362.
25. **Morlec, Y.; Bailly, G.; Aubergé, V., 1997.** Synthesising attitudes with global rhythmic and intonation contours. In *Proceedings of the European Conference on Speech Communication and Technology*. Rhodes - Greece, 219-222.
26. **Morlec, Y.; Bailly, G.; Aubergé, V., 1997.** Generating the prosody of attitudes. In *ETRW Workshop on Prosody*. Athens - Greece, 251-254.
27. **Neagu, A.; Bailly, G., 1997.** Relative contributions of noise burst and vocalic transitions to the perceptual identification of stop consonants. In *Proceedings of the European Conference on Speech Communication and Technology*. Rhodes - Greece, 2175-2178.
28. **Badin, P.; Mawass, K.; Bailly, G.; Vescovi, C.; Beautemps, D.; Pelorson, X., 1996.** Articulatory synthesis of fricative consonants : data and models. In *ETRW on Speech Production: from Control Strategies to acoustics*. Autrans - France, 221-224.
29. **Bailly, G., 1996.** Building sensori-motor prototypes from audio-visual exemplars. In *Proceedings of the International Conference on Speech and Language Processing*. Philadelphia - USA, 957-960.
30. **Beautemps, D.; Badin, P.; Bailly, G.; Galván, A.; Laboissière, R., 1996.** Evaluation of an articulatory-acoustic model based on a reference subject. In *ETRW on Speech Production: from Control Strategies to acoustics*. Autrans - France, 45-48.
31. **Morlec, Y.; Bailly, G.; Aubergé, V., 1996.** Generating intonation by superposing gestures. In *Proceedings of the International Conference on Speech and Language Processing*. Philadelphia - USA, 283-286.
32. **Aubergé, V.; Bailly, G., 1995.** Generation of intonation: a global approach. In *Proceedings of the European Conference on Speech Communication and Technology*. Madrid, 2065-2068.
33. **Badin, P.; Gabioud, B.; Beautemps, D.; Lallouache, T.; Bailly, G.; Maeda, S.; Zerling, J.-P.; Brock, G., 1995.** Cineradiography of VCV sequences: articulatory-acoustic data for a speech production model. In *International Congress on Acoustics*. Trondheim - Norway, 349-352.
34. **Bailly, G., 1995.** Recovering place of articulation for occlusives in VCVs. In *Proceedings of the International Congress of Phonetic Sciences*. Stockholm - Sweden, 230-233.
35. **Bailly, G.; Boë, L.-J.; Vallée, N.; Badin, P., 1995.** Articulatori-acoustic prototypes for speech production. In *Proceedings of the European Conference on Speech Communication and Technology*. Madrid - Spain, 1913-1916.
36. **Morlec, Y.; Aubergé, V.; Bailly, G., 1995.** Evaluation of automatic generation of prosody with a superposition model. In *Proceedings of the International Congress of Phonetic Sciences*. Stockholm - Sweden, 224-227.
37. **Morlec, Y.; Bailly, G.; Aubergé, V., 1995.** Synthesis and evaluation of intonation with a superposition model. In *Proceedings of the European Conference on Speech Communication and Technology*. Madrid - Spain, 2043-2046.
38. **Bailly, G.; Castelli, E.; Gabioud, B., 1994.** Building prototypes for articulatory speech synthesis. In *Second International Workshop on Speech Synthesis*. New Paltz - New York, 9-12.
39. **Barbosa, P.; Bailly, G., 1994.** Generating pauses within the z-score model. In *ETRW on Speech Synthesis*. New Paltz - New York, 101-104.
40. **Bonnyman, J.; Curtis, K.M.; Bailly, G., 1994.** A neural network application for the analysis and synthesis of multilingual speech. In *IEEE International Conference on Speech, Image Processing and Neural Networks*. Hong Kong, 327-330.
41. **Alissali, M.; Bailly, G., 1993.** COMPOST: A client-server model for applications using text-to-speech. In *Proceedings of the European Conference on Speech Communication and Technology*. Berlin, 2095-2098.
42. **Bailly, G., 1993.** Resonances as possible representation of speech in the auditory-to-articulatory transform. In *Proceedings of the European Conference on Speech Communication and Technology*, 1511-1514.
43. **Barbosa, P.; Bailly, G., 1992.** Generating segmental duration by P-centers. In *Fourth Rhythm Workshop: Rhythm Perception and Production*. Bourges, France, 163-168.

44. **Laboissière, R.; Schwartz, J.-L.; Bailly, G., 1992.** Modélisation du contrôle moteur en production de la parole: vers un "robot parlant". In *Cinquième Colloque de l'ARC*. Nancy, France, 115-124.
45. **Alissali, M.; Bailly, G., 1991.** COMPOST: un serveur de synthèse multilingue. In *8e Congrès sur la Reconnaissance de Formes et l'Intelligence Artificielle*. Lyon-Villeurbanne, 183-192.
46. **Bailly, G.; Guerti, M., 1991.** Synthesis-by-rule for French. In *12th International Congress of Phonetic Sciences*. Aix-en-Provence, France, 506-509.
47. **Guerti, M.; Bailly, G., 1991.** Synthesis-by-rule using COMPOST: modelling resonance trajectories. In *EUROSPEECH*. Genova - Italy, 43-46.
48. **Bailly, G.; Barbe, T.; Wang, H., 1990.** Automatic labelling of large prosodic databases: tools, methodology and links with a text-to-speech system. In *ETRW Workshop on Speech Synthesis*. Autrans - France, 201-204.
49. **Wang, H.; Bailly, G.; Tuffelli, D., 1990.** Automatic segmentation and alignment of continuous speech based on the temporal decomposition model. In *Proceedings of the International Conference on Speech and Language Processing*. Kobe, Japan, 457-460.
50. **Yé, H.; Wang, S.; Bailly, G.; Robert, F., 1990.** Exploration of temporal processing of a sequential network for speech parameter estimation. In *Proceedings of Applications of Artificial Neural Networks*. Orlando, Florida, 16-20.
51. **Bailly, G.; Marteau, P.-F.; Abry, C., 1989.** A new algorithm for temporal decomposition of speech. Application to a numerical model of coarticulation. In *IEEE International Conference on Acoustics, Speech, and Signal Processing*. Glasgow, Scotland, 508-511.
52. **Bailly, G.; Tran, A., 1989.** COMPOST: a rule-compiler for speech synthesis. In *Proceedings of the European Conference on Speech Communication and Technology*, 136-139.
53. **Bailly, G.; Murillo, G.; Dakkak, O.A.; Guérin, B., 1988.** A text-to-speech synthesis system for French by formant synthesis. In *7th FASE Symposium*, 225-260.
54. **Marteau, P.-F.; Bailly, G.; Janot-Giorgetti, M.-T., 1988.** Stochastic model of diphone-like segments based on trajectory concepts. In *IEEE International Conference on Acoustics, Speech, and Signal Processing*. New York - USA, 615-618.
55. **Dakkak, O.A.; Murillo, G.; Bailly, G., 1987.** Automatic extraction of formant parameters using a-priori knowledge. In *IATED, Applied Control Filtering and Signal Processing*. Geneva - Switzerland.
56. **Dakkak, O.A.; Murillo, G.; Bailly, G.; Guérin, B., 1987.** Using Contextual Information in View of Formant Analysis Improvement. In *Recent advances in Speech Understanding and dialog systems*. Bad Windsheim - Germany.

2. Congrès nationaux

1. **Alami, R.; Bailly, G.; Crowley, J.L., 2002.** HR+: Pour une interaction homme-robot autonome. In *Journées du programme interdisciplinaire ROBEA*. Toulouse - France, 39-40.
2. **Bailly, G., 2000.** Evaluation des systèmes d'analyse-modification-synthèse de parole. In *Journées d'Etudes sur la Parole*. Aussois - France, 109-112.
3. **Revéret, L.; Bailly, G.; Borel, P.; Badin, P., 2000.** Analyse par la synthèse d'un visage 3D parlant : inversion opto-articulaire. In *Journées d'Etudes sur la Parole*. Aussois, France, 125-128.
4. **Borel, P.; Badin, P.; Revéret, L.; Bailly, G., 2000.** Modélisation articulatoire linéaire 3D d'un visage pour une tête parlante virtuelle. In *Actes des 23èmes Journées d'Etude de la Parole*. Aussois, France, 121-124.
5. **Holm, B.; Bailly, G., 2000.** Génération de la prosodie par superposition de contours chevauchants: application à l'énonciation de formules mathématiques. In *Journées d'Etudes sur la Parole*. Aussois - France, 113-116.
6. **Badin, P.; Pouchoy, L.; Bailly, G.; Raybaudi, M.; Segebarth, C.; Lebas, J.F.; Tiede, M.; Vatikiotis-Bateson, E.; Tohkura, Y., 1998.** Un modèle articulatoire tridimensionnel du conduit vocal basé sur des données IRM. In *Journées d'Etudes sur la Parole*. Martigny, Suisse, 283-286.
7. **Bailly, G.; Badin, P.; Vilain, A., 1998.** Contribution de la mâchoire à la géométrie de la langue dans les modèles articulatoire statistiques. In *Journées d'Etudes sur la Parole*. Martigny, Suisse, 287-290.
8. **d'Alessandro, C.; Aubergé, V.; Bailly, G.; Béchet, F.; Boula de Mareuil, P.; Foukia, S.; Goldman, J.-P.; Isabelle, J.F.; Keller, E.; Marchal, A.; Mertens, P.; Pagel, V.; O'Shaughnessy, D.; Richard, G.; Talon, M.H.; Wehrli, E.; Yvon, F., 1997.** Vers l'évaluation de systèmes de synthèse de parole à partir du texte en français. In *1ères JST Francil de l'AUPEL-UREF*. Avignon - France, 393-398.
9. **Rilliard, A.; Aubergé, V.; Bailly, G.; Morlec, Y., 1997.** Vers une mesure de l'information linguistique véhiculée par la prosodie. In *1ères JST FRANCIL*. Avignon-France, 481-487.
10. **Morlec, Y.; Bailly, G.; Aubergé, V., 1997.** Apprentissage automatique d'un module de génération multistyle de l'intonation. In *1ères JST FRANCIL*. Avignon-France, 407-412.
11. **Bailly, G., 1996.** Emergence de prototypes sensori-moteurs à partir d'exemplaires audio-visuels. In *Journées d'Etudes sur la Parole*. Avignon-France, 87-90.
12. **Morlec, Y.; Bailly, G.; Aubergé, V., 1996.** Un modèle connexionniste modulaire pour l'apprentissage des gestes intonatifs. In *Journées d'Etudes sur la Parole*. Avignon-France, 207-210.

13. **Neagu, A.; Bailly, G., 1996.** R1, R2 et R3 : un ensemble robuste de paramètres pour la caractérisation des espaces vocaliques. In *Journées d'Etudes sur la Parole*. Avignon-France, 247-250.
14. **Barbosa, P.; Bailly, G., 1992.** Génération automatique des P-centers. In *Journées d'Etudes sur la Parole*. Bruxelles, Belgique, 357-361.
15. **Bailly, G.; Bach, M.; Olesen, M.; Schwartz, J.-L.; Morris, A., 1990.** Génération de trajectoires articulatoires par réseau séquentiel. In *5èmes Journées NSI*. Aussois - France, 191-192.
16. **Bailly, G.; Guerti, M., 1990.** Anticipation et rétention dans les mouvements vocaliques en Français. In *Journées d'Etudes sur la Parole*. Montréal - Canada, 292-295.
17. **Barbe, T.; Bailly, G., 1990.** Evaluation d'un détecteur de fréquence fondamentale du signal microphonique par comparaison à une référence laryngographique. In *Journées d'Etudes sur la Parole*. Montréal, 165-169.
18. **Bailly, G.; Liu, J., 1989.** Détection de formants par quantification vectorielle et réseaux Markoviens. In *Actes du séminaire Décodage Acoustico-Phonétique*. Nancy - France, 89-94.
19. **Bailly, G.; Liu, J., 1987.** Détection d'indices par quantification vectorielle et réseaux Markoviens. In *Journées d'Etudes sur la Parole*. Hammamet - Tunisie, 60-63.
20. **Bailly, G., 1986.** Détection du fondamental par AMDF et programmation dynamique. In *Journées d'Etudes sur la Parole*. Aix-en-Provence - France, 285-288.
21. **Bailly, G., 1986.** Un modèle de congruence relationnel pour la synthèse de la prosodie du français. In *Journées d'Etudes sur la Parole*. Aix-en-Provence - France, 75-78.

V. Publications dans des revues sans comité

1. **Bailly, G.; Badin, P., 2000.** Les 23èmes Journées d'Étude sur la Parole. In *Cognito*, 19:1-2.
2. **Bailly, G., 1998.** Cortical dynamics and biomechanics. *Bulletin de la Communication Parlée*, 4:35-44.
3. **Laboissière, R.; Schwartz, J.-L.; Bailly, G., 1991.** Modelling the speaker-listener interaction in a quantitative model for speech motor control: a framework and some preliminary results. *PERILUS XIV - Department of Linguistics*,:57-62.

VI. Communication à des congrès, symposium

1. Odisio, M.; Elisei, F.; Bailly, G.; Badin, P., 2001. Clones parlants vidéo-réalistes: application à l'analyse de messages audiovisuels. In *CORESA*. Dijon - France, 141-144.
2. Elisei, F.; Bailly, G.; Odisio, M.; Badin, P., 2001. Clones parlants vidéo-réalistes: application à l'interprétation de FAP-MPEG4. In *CORESA*. Dijon - France, 145-148.
3. Bailly, G., Revéret, L., Borel, P. & Badin, P. (2000). Hearing by eyes thanks to the "labiophone": exchanging speech movements. In *COST254 Workshop Friendly Exchanging Through The Net* (C. Germain, E. Grivel & O. Laviaille, editors), pp. 67-72. Bordeaux, France, COST254 (Intelligent Processing and Facilities for Communication Terminals).
4. Wang, H.; Bailly, G.; Tuffelli, D., 1990. Automatic segmentation and alignment of continuous speech based on the temporal decomposition model. *Journal of the Acoustical Society of America*, 87:S106.
5. Bailly, G.; Jordan, M.; Mantakas, M.; Schwartz, J.-L.; Bach, M.; Olesen, M., 1990. Simulation of vocalic gestures using an articulatory model driven by a sequential neural network. *Journal of the Acoustical Society of America*, 87:S105.

VII. Chapitre dans les ouvrages

1. **Bailly, G.; Vatikiotis-Bateson, E.; Badin, P.; Revéret, L.; Yehia, H., In preparation.** Visible articulatory degrees of freedom of speech movements. In *Audiovisual speech processing*, E. Vatikiotis-Bateson; G. Bailly; P. Perrier, Editors. Cambridge, MA, USA: MIT Press.
2. **Bailly, G., 2002.** Towards more versatile signal generation systems. In *Improvements in Speech Synthesis*, E. Keller, et al., Editors. Chichester, England: J. Wiley & Sons, Ltd, 18-21.
3. **Bailly, G., 2002.** A parametric harmonic + noise model. In *Improvements in Speech Synthesis*, E. Keller, et al., Editors. Chichester, England: J. Wiley & Sons, Ltd, 22-38.
4. **Bailly, G., 2002.** The cost258 signal generation test array. In *Improvements in Speech Synthesis*, E. Keller, et al., Editors. Chichester, England: J. Wiley & Sons, Ltd, 39-51.
5. **d'Alessandro, C.; Aubergé, V.; Bailly, G.; Béchet, F.; Boula de Mareuil, P.; Foukia, S.; Goldman, J.F.; Keller, E.; Pagel, V.; Sannier, F.; O'Shaughnessy, D.; Yvon, F., 1998.** Vers l'évaluation de systèmes de synthèse de parole à partir du texte en français. In *Evaluation des Industries de la langue*: AUPEL-UREF.
6. **Bailly, G., 1997.** No future for comprehensive models of intonation? In *Computing prosody: Computational models for processing spontaneous speech*, Y. Sagisaka; N. Campbell; N. Higuchi, Editors: Springer Verlag, 157-164.

7. **Bailly, G.; Aubergé, V., 1997.** Phonetic and phonological representations for intonation. In *Progress in Speech Synthesis*, J.P.H.V. Santen, et al., Editors. New York: Springer Verlag, 435-441.
8. **Bailly, G.; Aubergé, V.; Morlec, Y., 1997.** Des représentations cognitives aux représentations phonétiques de l'intonation. In *Polyphonie pour Iván Fónagy*, J. Perrot, Editor: L'Harmattan, 19-28.
9. **Bailly, G.; Laboissière, R.; Galván, A., 1997.** Learning to speak: Speech production and sensori-motor representations. In *Self-Organization, Computational Maps and Motor Control*, P. Morasso; V. Sanguineti, Editors. Amsterdam: Elsevier, 593-615.
10. **Barbosa, P.; Bailly, G., 1997.** Generation of pauses within the z-score model. In *Progress in Speech Synthesis*, J.P.H.V. Santen, et al., Editors. New York: Springer Verlag, 365-381.
11. **Bailly, G., 1996.** Pistes de recherches en synthèse de la parole. In *Fondements et perspectives en traitement automatique de la parole*, H. Méloni, Editor. Paris - France: AUPELF-UREF, 109-122.
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