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| Nota di contenuto       | Foreword -- September 2 FP - Models 1 -- A. Granados, J. Brunskog, M. K. Misztal, VOCAL FOLD COLLISION MODELING -- M. Fleischer, D. Muerbe, ASPECTS OF THE GLOTTAL SOURCE CHARACTERISTICS AND CONSEQUENCES FOR THE ACOUSTICS OF THE VOCAL TRACT -- D.A. Berry, M. Dollinger, F. Alipour, INTERPRETATION OF THE THREE-DIMENSIONAL DYNAMICS OF THE SUPERIOR SURFACE OF THE VOCAL FOLDS -- G. A. Alzamendi, G. Schlotthauer, M.E. Torres, FORMULATION OF A STOCHASTIC GLOTTAL SOURCE MODEL INSPIRED ON DETERMINISTIC LILJENCRAKTS-FANT MODEL -- FP - Models 2 -- P. Aichinger, M. Hagmuller, I. Roesner, W. Bigenzahn, B. Schneider Stickler, J. Schoentgen, F. Pernkopf, MEASUREMENT OF FUNDAMENTAL FREQUENCIES IN DIPLOPHONIC VOICES -- L. Moro-Velazquez, J.A. Gomez-Garcia, J.I. Godino-Llorente, TUNING OF MODULATION SPECTRUM DISPERSION PARAMETERS FOR VOICE PATHOLOGY DETECTION -- B. Barsties, Y. Maryn, EXTERNAL VALIDATION OF THE ACOUSTIC VOICE QUALITY INDEX VERSION 03.01 WITH EXTENDED REPRESENTATIVITY -- September 3 FP - Singing-Infants -- D. Porebska-Quasnik, THE CORRECT FUNCTIONING OF THE VOCAL CORDS IN THE PROFESSIONAL PRACTICE OF SINGING -- M. Sardi, SOME CONSIDERATIONS ABOUT THE RELATIONSHIP BETWEEN SINGING AND SCIENCE -- B. Delvaux, D. Howard, SINESWEEP-BASED METHOD TO MEASURE THE VOCAL TRACT RESONANCES -- T. Ikavalko, J. Horacek, |

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## Sommario/riassunto

The Models and Analysis of Vocal Emissions with Biomedical Applications (MAVEBA) workshop came into being in 1999 from the particularly felt need of sharing know-how, objectives and results between areas that until then seemed quite distinct such as

bioengineering, medicine and singing. MAVEBA deals with all aspects concerning the study of the human voice with applications ranging from the neonate to the adult and elderly. Over the years the initial issues have grown and spread also in other aspects of research such as occupational voice disorders, neurology, rehabilitation, image and video analysis. MAVEBA takes place every two years always in Firenze, Italy.

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