1.	Record Nr.	UNINA9910424583303321
	Autore	Manfredi Claudia
	Titolo	Models and analysis of vocal emissions for biomedical applications : 10th International Workshop: December, 13-15, 2017 Firenze, Italy / / edited by Claudia Manfredi
	Pubbl/distr/stampa	Firenze, Italy : , : Firenze University Press, , [2017] ©2017
	Descrizione fisica	1 electronic resource (154 p.)
	Collana	Proceedings e report
	Disciplina	610.28
	Soggetti	Biomedical engineering
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
	Nota di bibliografia	Includes bibliographical references and index.
	Nota di contenuto	FOREWORD -- SESSION I VOICE QUALITY ASSESSMENT -- ON THE DESIGN OF A VOICE PATHOLOGY ASSESSMENT SYSTEM BASED ON THE GRB SCALE -- EFFECT OF VELOPHARYNGEAL INSUFFICIENCY ON HUMAN VOICE QUALITY -- EFFECT OF VELOPHARYNGEAL INSUFFICIENCY ON HUMAN VOICE QUALITY -- PHONATION QUALITY DETECTION ON THE SAARBRUCKEN VOICE DATABASE USING HARMONIC SPECTRUM-BASED PARAMETERS -- ACOUSTIC TREMOR MEASUREMENT: COMPARING TWO SYSTEMS -- THE DATABASE OF NORMAL AND PATHOLOGICAL SINGERS' VOICES: AN APPROACH TO COLLECTING DATA -- SESSION II VOICE QUALITY MONITORING -- SESSION II VOICE QUALITY MONITORING -- SESSION II VOICE QUALITY MONITORING -- SESSION II VOICE QUALITY MONITORING -- SESSION III VOICE AND NEUROCOGNITION -- SESSION III VOICE AND NEUROCOGNITION --RELATIONSHIPS BETWEEN NEWBORNS' CRY MELODY SHAPES AND NATIVE LANGUAGE -- FACIAL EXPRESSION RECOGNITION WITH FUZZY EXPLAINABLE MODELS -- A CORRELATION STUDY BETWEEN SPEECH-RELATED FEATURES AND PERSONALITY TRAITS -- TRANSFER LEARNING ON IMAGINED SPEECH ELECTROENCEPHALOGRAM USING BAG OF FEATURES -- ROUND TABLE -- VOICE AND SPEECH PROCESSORS (VSP): READY FOR GLOBAL DEPLOYMENT IN MOBILE DEVICES? -- SESSION IV VOICE AND SPEECH IN NEUROLOGY -- DYSARTHRIC SPEECH ANALYSIS BY MEANS OF THE PRINCIPAL COMPONENTS OF THE SPECTROGRAM -- USE OF ACOUSTIC

LANDMARKS AND GMM-UBM BLEND IN THE AUTOMATIC DETECTION OF PARKINSON'S DISEASE -- VARIABILITY OF THE FUNDAMENTAL FREQUENCY OF PARKINSONIAN VOICES IN READ SPEECH: A TRANSVERSAL STUDY -- ARTICULATION DYNAMICS IN PARKINSON DYSARTHRIA -- ARTICULATION DYNAMICS IN PARKINSON DYSARTHRIA -- TURBULENCE INTENSITY MEASUREMENT DOWNSTREAM OF THE SELFOSCILLATING VOCAL FOLDS MODEL -- THE DYNAMICS OF VOCAL ONSET -- AN EFFECT OF SOURCE-FILTER INTERACTION ON AMPLITUDES OF SOURCE SPECTRUM PARTIALS -- GLOTTIS IN VOCAL FRY ANALYSED BY HIGH SPEED DIGITAL PHONOSCOPY AND NYQVIST PLOTS -- WHITE LIGHT, NBI®& HSDP EXAM OF BAMBOO VOCAL FOLDS -- SESSION VI VOCAL FOLDS DYNAMICS II -- A METHOD FOR ANALYSIS OF THE VOCAL FOLD VIBRATIONS IN CONNECTED SPEECH USING LARYNGEAL IMAGING -- QUANTIFICATION OF INTRAGLOTTAL PRESSURE DURING THE MODAL VIBRATION CYCLE -- KINEMATIC MODEL FOR SIMULATING MUCOSAL WAVE PHENOMENA ON VOCAL FOLDS -- KINEMATIC MODEL FOR SIMULATING MUCOSAL WAVE PHENOMENA ON VOCAL FOLDS -- SESSION VII VOCAL FOLDS DYNAMICS III -- CALIBRATION OF EXTERNAL LIGHTING AND SENSING PHOTOGLOTTOGRAPH -- MODELING OF RANDOM EXTRA PULSES DURING QUASI-CLOSED GLOTTAL CYCLE PHASES -- MODELING OF RANDOM EXTRA PULSES DURING QUASI-CLOSED GLOTTAL CYCLE PHASES -- AUTHOR INDEX.

Sommario/riassunto	The International Workshop on Models and Analysis of Vocal Emissions for Biomedical Applications (MAVEBA) 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.