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Autore	Manfredi Claudia
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Nota di contenuto	Foreword? -- Special session: Early detection of neurologic diseases by acoustic speech analysis and machine learning and classification - Organizer: Prof. Shimon Sapir, Department of Communication Sciences and Disorders, University of Haifa, Haifa, Israel - Introduction: Prof. Shimon Sapir, Department of Communication Sciences and Disorders, University of Haifa, Haifa, Israel -- S. Sapir, E. Sprecher, S. Skodda, EARLY MOTOR SIGNS OF PARKINSON'S DISEASE DETECTED BY ACOUSTIC SPEECH ANALYSIS AND CLASSIFICATION METHODS -- S. Skodda, STEADINESS OF SYLLABLE REPETITION IN EARLY MOTOR STAGES OF PARKINSON´S DISEASE -- J. Rusz, J. Klempir, E. Baborova, T. Tykalova, V. Majerova, R. Cmejla, E. Ruzicka, J. R., ACOUSTIC FINDINGS OF VOICE DISORDERS IN HUNTINGTON'S DISEASE COMPARED TO PARKINSON'S DISEASE -- M.R.Ciucci, L. M. Grant, C.A. Kelm-Nelson, L. Fulks, T. Kyser, K.B. Seroogy, S.M. Fleming, VOCALIZATION DEFICITS IN TRANSLATIONAL RODENT MODELS OF PARKINSON DISEASE -- C. Mertens, J.Schoentgen, F.Grenez, S.Skodda, ACOUSTICAL ANALYSIS OF VOCAL TREMOR IN PARKINSON SPEAKERS -- P. Heracleous, J. Even, C. Ishi, M. Kondo,K. Takanohara, K. Takeda, ANALYSIS AND EXPERIMENTS OF THE LOMBARD EFFECT IN PEOPLE WITH PARKINSON'S DISEASE -- P. Gomez-Vilda, A.R.M. Londral, M. de Carvalho, V. Rodellar-Biarge, CHARACTERIZING VOCAL TRACT CENTRALIZATION AND ASYMMETRY IN AMYOTROPHIC LATERAL SCLEROSIS -- A.Barney, D. Nikolic, V. Nemes,

P. Garrard, DETECTING REPEATED SPEECH: A POSSIBLE MARKER FOR ALZHEIMER'S DISEASE -- A.Bandini, F. Giovannelli, M. Cincotta, P. Vanni, R. Chiaramonti, A. Borgheresi, G. Zaccara, C.Manfredi, ABNORMAL RHYTHMS OF SPEECH IN PATIENTS WITH IDIOPATHIC PARKINSON'S DISEASE -- A.Tsanas, ACOUSTIC ANALYSIS TOOLKIT FOR BIOMEDICAL SPEECH SIGNAL PROCESSING: CONCEPTS AND ALGORITHMS -- Session I: MODELS AND ANALYSIS (I) -- F. Alipour, PRESSURE AND VELOCITY IN A MODEL OF LARYNGEAL VENTRICLE -- M. Havel , J. Sundberg, CONTRIBUTION OF PARANASAL SINUSES TO THE ACOUSTICAL PROPERTIES OF THE NASAL TRACT -- V. Radolf, J. Horacek, A. M. Laukkanen, COMPARISON OF COMPUTED AND MEASURED ACOUSTIC CHARACTERISTICS OF AN ARTIFICIALLY LENGTHENED VOCAL TRACT -- A. K. Fuchs, M. Hagmueller, A GERMAN PARALLEL ELECTRO-LARYNX SPEECH - HEALTHY SPEECH CORPUS -- R. Fraile, J. I. Godino-Llorente, M. Kob, PHYSICAL SIMULATION OF VOICE TREMOR -- L. Traser, T. Flugge, M. Burdumy, R. Kammberger, B. Richter, M. Echternach, DIFFERENT IMPLEMANTATION TECHNIQUES TO INCLUDE TEETH IN MRI DATA FOR VOCAL TRACT MEASUREMENTS -- A.Bandini, E. Biondi, L. Lombardo, G. Siciliani, C. Manfredi, RAPID MAXILLARY EXPANSION:A PRELIMINARY CONSONANT PHONETIC ANALYSIS -- Session II: HIGH-SPEED IMAGING -- D. Deliyski, S. RC Zacharias, A. de Alarcon, M. E Golla Powell, T. Treman Gerlach, THE EFFECT OF FRAME RATE OF HIGH-SPEED VIDEOENDOSCOPY ON THE ACCURACY OF CLINICAL VOICE ASSESSMENT -- G. Andrade-Miranda, J. I. Godino-Llorente, GLOTTAL GAP TRACKING USING TEMPORAL INTENSITY VARIATION AND ACTIVE CONTOURS -- P. Aichinger, I. Roesner, B. Schneider-Stickler, W. Bigenzahn, F. Feichter, A. K. Fuchs,M. Hagmuller, G. Kubin, SPECTRAL ANALYSIS OF LARYNGEAL HIGH-SPEED VIDEOS: CASE STUDIES ON DIPLOPHONIC AND EUPHONIC PHONATION -- V.Uloza, A.Vegiene, R. Pribuisiene, I.Uloziene, V.Saferis, CORRELATION BETWEEN VIDEO LARYNGOSTROBOSCOPY AND ACOUSTIC VOICE PARAMETERS -- W. Wokurek, M. Puetzer, CORRELATION ANALYSIS BETWEEN ACOUSTIC SOURCE, ELECTROGLOTTOGRAM AND NECK VIBRATIONS SIGNALS -- Special session: Acoustic analysis of newborn infant cry: an aid to early autism diagnosis? - Organizer: Dr. Maria Luisa Scattoni, Department of Cell Biology & Neuroscience,Istituto Superiore di Sanita, Roma, Italy and Dr. Silvia Orlandi, Department of Information Engineering, Universita degli Studi di Firenze, Firenze, Italy - Introduction: Philip Sanford Zeskind, Director, Neurodevelopmental Research Levine Children's Hospital, Carolinas Medical Center, Charlotte, North Carolina, U.S.A. -- P. S. Zeskind, DETECTION OF SUBCLINICAL NEUROBEHAVIORAL INSULT USING SPECTRUM ANALYSIS OF NEWBORN INFANT CRYING -- A. Rosales-Perez, C. A. Reyes-Garcia, J. A. Gonzalez, O. F. Reyes Galaviz, ON THE APPLICATION OF GENETIC SELECTION OF A CUSTOMIZED FUZZY MODEL FOR THE CLASSIFICATION OF INFANT CRY PATTERNS -- S. Orlandi, C. Manfredi, A. Guzzetta, M.L. Scattoni, EARLY DIAGNOSIS OF AUTISM SPECTRUM DISORDERS: SUGGESTIONS FROM ANIMAL MODELS -- D. Lenti Boero, C. Lenti, PREMATURE INFANTS' CRY MAINTAINS ABNORMALITIES AT TERM: A SONOSPECTROGRAPHIC STUDY -- S.D. Barbagallo, S.Orlandi, C. Manfredi, A NEW TOOL FOR AUDIO AND VIDEO ANALYSIS: AN AID TO CONTACT-LESS CLINICAL DIAGNOSIS IN NEWBORNS -- Session III: SINGING VOICE -- L. Dei, PECTRALLY ESTIMATED VOCAL TRACT LENGTHS OF SINGING VOICES AND THEIR CONTRIBUTING FACTORS -- M. Sakaguchi, M. Kobayashi, R. Nisimura, T. Irino, H. Kawahara, SPECTRALLY ESTIMATED VOCAL TRACT LENGTHS OF SINGING VOICES AND THEIR CONTRIBUTING FACTORS -- H. Kawahara, M. Morise, K. Sakakibara, TEMPORALLY FINE F0 EXTRACTOR APPLIED FOR FREQUENCY MODULATION POWER SPECTRAL ANALYSIS OF

SINGING VOICES -- M. Echternach, P. Birkholz, L. Traser , M. Burdumy , R. Kammberger, B. Richter, VOCAL TRACT SHAPING AND FORMANT FREQUENCIES IN SOPRANOS WHISTLE REGISTER -- N. Hanna, N. Henrich, A. Mancini, T. Legou, X. Laval, P. Chaffanjon, SINGING EXCISED HUMAN LARYNGES: RELATIONSHIP BETWEEN SUBGLOTTAL PRESSURE AND FUNDAMENTAL FREQUENCY -- P. Gomez-Vilda, E. Belmonte-Useros, V. Rodellar-Biarge, V. Nieto-Lluis, A. Alvarez-Marquina, L. M. Mazaira-Fernandez, BIOMECHANICAL EVALUATION OF THE SINGING VOICE -- Tran Quang Hai, THE USE OF SOFTWARE OVERTONE ANALYZER FOR ANALYZING VOCAL EMISSIONS -- K. Izdebski, E. Di Lorenzo, Y. Yan, HEAVY METAL "GROWL" PHONATION: QUANTITATIVE ANALYSIS OF SUPRA-GLOTTIC AND GLOTTIC VIBRATORY PATTERNS DERIVED FROM HIGH-SPEED DIGITAL IMAGING -- P.H. Dejonckere , J. Lebacq , L. Bocchi, C. Manfredi, SINGLE LINE SCANNING OF VOCAL FOLDS AS FEEDBACK IN SINGING: THE 'MESSA DI VOCE' EXERCISE -- P.H. Dejonckere , J. Lebacq , C. Manfredi, ANTICIPATION OF A NEUROMUSCULAR TUNING IN M. VOCALIS PERTURBS THE PERIODICITY OF VOCAL FOLD VIBRATION: THE UNEXPEXTED FINDING OF A PITCH-MATCHING EXPERIMENT COMPARING SINGING STUDENTS WITH HIGH-LEVEL PROFESSIONALS -- G. Baracca, G.Cantarella , S. Forti, F. Fussi, VALIDATION OF THE ITALIAN VERSION OF THE SINGING VOICE HANDICAP INDEX -- Session IV: VOICE MONITORING -- A. F. Llico, M. Zanartu, D. D. Mehta, J. H. Van Stan, H. A. Cheyne II, A.J. Gonzalez, M. Ghassemi, G. R. Wodicka, J. V. Guttag, R. E. Hillman, INCORPORATING REAL-TIME BIOFEEDBACK CAPABILITIES INTO A VOICE HEALTH MONITOR -- M. Zanartu, V. Espinoza, D. D. Mehta, J. H. Van Stan, H. A. Cheyne II, M. Ghassemi, J. V. Guttag, R. E. Hillman, TOWARD AN OBJECTIVE AERODYNAMIC ASSESSMENT OF VOCAL HYPERFUNCTION USING A VOICE HEALTH MONITOR -- I.D. Castro Miller, M. Moerman, VOICE THERAPY ASISSTANT: A USEFUL TOOL TO FACILITATE THERAPY IN DYSPHONIC PATIENTS -- D. Kiagiadaki, A. Cateau, M. Remacle, J. Schoentgen, T. Dubuisson, EVALUATION OF SURGICAL TREATMENT OUTCOME IN REAL-TIME CONDITIONS USING A PORTABLE DEVICE: PRELIMINARY DATA -- K.V. Evgrafova, V. V. Evdokimova, P. A. Skrelin, T. V. Chukaeva, N. V. Shvalev, A NEW TECHNIQUE TO RECORD A VOICE SOURCE SIGNAL -- G. Cantarella, E. Iofrida, P. Boria, S. Giordano, O. Binatti, L. Pignataro, C. Manfredi, S. Forti, P. H. Dejonckere, VOICE DOSIMETRY IN 92 CALL CENTER OPERATORS -- Session V: MODELS AND ANALYSIS (II) -- A.Kacha, F. Grenez, J. Schoentgen, MULTIBAND VOCAL DYSPERIODICITIES ANALYSIS USING EMPIRICAL MODE DECOMPOSITION IN THE LOG-SPECTRAL DOMAIN -- H. Hermansky, SPEECH REPRESENTATIONS BASED ON SPECTRAL DYNAMICS -- C. Brucker, C. Kirmse, MODE-LOCKING OF GLOTTAL JET INSTABILITIES WITH MUCOSA WAVES ON FALSE VOCAL FOLDS -- M. Igras, B. Ziolko, DIFFERENT TYPES OF PAUSES AS A SOURCE OF INFORMATION FOR BIOMETRY -- R.
Pietruch, ACOUSTIC MODEL OF TRACHEAL STOMA NOISE PRODUCTION FOR SPEECH ENHANCEMENT IN POST-LARYNGECTOMIZED PATIENTS -- K. Funaki, K. Higa, WLP-BASED TV-CAR SPEECH ANALYSIS AND ITS EVALUATION FOR F0 ESTIMATION -- Session VI: VOICE AND PATHOLOGIES -- J. L. Blanco, J. Schoentgen, VOCAL TRACT SETTINGS IN SPEAKERS WITH OBSTRUCTIVE SLEEP APNEA SYNDROME -- E. H. Buder, C. Dromey, M. Barton, M.E. Smith, & K. Corbin-Lewis, MODULATIONS OF SPL AND F0 OCCUR IN SUSPECTED MULTIPLE SCLEROSIS AND INCREASE WITH SEVERITY -- Y.Yunusova, J.S. Rosenthal, J.R. Green, S. Shellikeri, P.Rong, J. Wang, L.
Zinman, DETECTION OF BULBAR ALS USING A COMPREHENSIVE SPEECH ASSESSMENT BATTERY -- C. M. Menezes, ACOUSTIC AND

ARTICULATORY VARIATION IN THE MID-CENTRAL VOWEL IN APRAXIC AND NORMAL SPEECH -- Session VII: VOICE AND STRESS/DEPRESSION -- K. Vicsi, D. Sztaho, F. Tamas, EXAMINATION OF SEGMENTAL AND SUPRA-SEGMENTAL PARAMETERS OF DEPRESSED SPEECH -- A.Guidi, N. Vanello, G. Bertschy, C. Gentili, L. Landini, E. P. Scilingo, AN AUTOMATIC METHOD FOR THE ANALYSIS OF PITCH PROFILE IN BIPOLAR PATIENTS -- F. M. Martinez-Licona, J. Goddard, A. E. Martinez-Licona, M. Coto Jimenez, ACOUSTIC ANALYSIS OF SPANISH VOWELS IN EMOTIONAL SPEECH -- F. M. Martinez-Licona, J. Goddard, A. E. Martinez-Licona, M. Coto Jimenez, ASSESSING STRESS IN MEXICAN SPANISH FROM EMOTION SPEECH SIGNALS -- Session VIII: VOICE AND GENDER-SIBLINGS -- O. Amir, N. Lebi-Jacob, O. Harari, WOMENS' VOICE DURING IN-VITRO FERTILIZATION TREATMENT -- J.A. Gomez-Garcia, J. I. Godino-Llorente, G. Castellanos-Dominguez, SEX-DEPENDENT AUTOMATIC DETECTION OF VOICE PATHOLOGIES -- E. SanSegundo, P. Gomez-Vilda, VOICE BIOMETRICAL MATCH OF TWIN AND NON-TWIN SIBLINGS -- Author Index.

Sommario/riassunto

The MAVEBA Workshop proceedings, held on a biannual basis, collect the scientific papers presented both as oral and poster contributions, during the conference. The main subjects are: development of theoretical and mechanical models as an aid to the study of main phonatory dysfunctions, as well as the biomedical engineering methods for the analysis of voice signals and images, as a support to clinical diagnosis and classification of vocal pathologies.