

MAVEBA PROGRAMME

SEPTEMBER 2

Opening ceremony (14:30 – 15:00)

FP – Models 1 (15:00 – 16:20)

Chairpersons: M. Fleischer, D.A. Berry

- 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. Döllinger, 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 LILJENCRAANTS-FANT MODEL

FP – Models 2 (17:00 – 18:00)

Chairpersons: J. Schoentgen, X. Pelorson

- P.Aichinger, M. Hagmüller, I. Roesner, W. Bigenzahn, B. Schneider Stickler, J. Schoentgen, F. Pernkopf: MEASUREMENT OF FUNDAMENTAL FREQUENCIES IN DIPLOPHONIC VOICES
- L. Moro-Velázquez, J. A. Gómez-García, 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 (8:50 – 10:30)

Chairpersons: D. Howard, A-M. Laukkanen

- 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. Ikävalko, J. Horáček, D. Liu, A.-M. Laukkanen: ELECTROGLOTTOGRAPHIC PARAMETERS IN EVALUATION OF VOICE QUALITY. ACOUSTIC ANALYSES FROM A SINGER AND AEROELASTIC MODELLING
- S.Orlandi, A.Bandini, A.Perrella, J.Marjouee, G.P.Donzelli, C.Manfredi: WAVELET ANALYSIS OF NEWBORN INFANT CRY

FP – EEG-Imaging (11:00 – 13:00)

Chairpersons: P. H. Dejonckere, P. Aichinger

- P.H. DeJonckere, J. Lebacqz: DAMPING OF VOCAL FOLD OSCILLATION AT VOICE OFFSET

- A.Nacci, A.Macerata, J.Matteucci, M.Manti, M.Cianchetti, S.O.Romeo, B.Fattori, S.Berrettini, C.Laschi, F.Ursino: EVALUATION OF GLOTTAL WAVES VARIABILITY BASED ON COMBINED AMPLITUDE-VELOCITY ANALYSIS
- E. F. González-Castañeda, A. A.Torres-García, C. A. Reyes-García,L. Villaseñor-Pineda: EEG SONIFICATION FOR CLASSIFYING UNSPOKEN WORDS
- T. Vampola, J. Horáček: NUMERICAL SIMULATION OF VIBRATION OF THE HUMAN VOCAL FOLDS – RECONSTRUCTION OF VIDEOKYMOGRAPHY RECORDS
- G.Andrade-Miranda, N. Henrich Bernardoni, J.Ignacio Godino-Llorente: OPTICAL-FLOW KYMOGRAMS AND GLOTTOVIBROGRAMS: A NEW WAY TO PRESENT HIGHSPEED DATA FOR LARYNGEAL ASSESSMENT
- J. Schoentgen, P. Aichinger: SYNTHETIC KYMOGRAMS AND GLOTTAL AREA WAVEFORMS IN SIMULATED NON-NEUTRAL PHONATION

Workshops (14:00 – 15:30)

- X.Pelorson, S.Becker: Studying the physics of voice production using mechanical replicas
- O.Guasch, J.Jansson: Modelling human voice production with large-scale physics-based simulations

FP – Mechanical-Markerless (16:00 – 18:00)

Chairpersons: J. Horáček, A. Van Hirtum

- M. Frič: THE FACE VIBRATION IN RESONANCE EXERCISES MEASURED BY THREE DIFFERENT METHODS - FIRST RESULTS
- K. Evgrafova, V. Evdokimova , P. Skrelin, T. Chukajeva: THE STUDY OF ACOUSTIC-ARTICULATORY RELATIONS IN PRODUCING SINGING VOWELS WITH THE USE OF EMA
- A.Bandini, S. Ouni , S. Orlandi, C. Manfredi: EVALUATING A MARKERLESS METHOD FOR STUDYING ARTICULATORY MOVEMENTS: APPLICATION TO A SYLLABLE REPETITION TASK
- T Legou, A Lagier, F Silva, N Henrich, P Champsaur, A Giovanni: TEST BENCH FOR HUMAN EXCISED LARYNX STUDIES
- Van Hirtum, K. Nozaki, Y. Fujiso: TOWARDS SIBILANT PHYSICAL SPEECH SCREENING USING ORAL TRACT VOLUME RECONSTRUCTION
- V. Radolf, J. Horáček: INFLUENCE OF A SOFT TISSUE OF VOCAL TRACT ACOUSTIC CAVITIES PROLONGED BY A TUBE ON FORMANT FREQUENCIES

SEPTEMBER 4

FP – Models 3 (9:00 – 10:00)

Chairpersons: J. Ruzs, K. Neumann

- A.Kacha, F. Grenez, J. Schoentgen, S. Skodda: ON THE HARMONIC-TO-NOISE RATIO AS A CUE FOR AUTOMATIC CLASSIFICATION OF PARKINSON'S DISEASE
- R. Fraile, K. Neumann, J.M. Gutiérrez-Arriola, N. Sáenz-Lechón, V.J. Osma-Ruiz: MODELING OF GRBAS PERCEPTUAL EVALUATION USING SPECTRAL FEATURES OBTAINED FROM AN AUDITORY-BASED FILTERBANK
- T. Tykalová, R. Čmejla, E. Růžička, J. Ruzs: COMPARISON OF DEVELOPMENTAL AND NEUROGENIC STUTTERING

FP – Emotions-Therapy (10:30 – 12:10)

Chairpersons: N. Vanello, I. Denizoglu

- F.Guidi, J. Schoentgen, G. Bertschy, C. Gentili, E. P. Scilingo, N. Vanello: A SPECTRAL ANALYSIS OF F0-CONTOURS IN BIPOLAR PATIENTS
- P. Aichinger, B. Schneider-Stickler, W. Bigenzahn, M. Hagmüller, A.Sontacchi, J.Schoentgen: ASSESSMENT AND PSYCHOACOUSTIC MODELLING OF AUDITORY STREAMS IN DIPLOPHONIC VOICE
- E. Cresti, F. M. Dovetto, B. Rocha: SCHIZOPHRENIA AND PROSODY. FIRST INVESTIGATIONS
- J. Horáček, A.-M. Laukkanen, V. Radolf: LOW FREQUENCY VOCAL TRACT MECHANICAL RESONANCE IN WATER RESISTANCE THERAPY
- I.Denizoglu: DOCTORVOX: A NEW DEVICE FOR VOICE THERAPY AND VOCAL TRAINING