

# PEVOC PROGRAMME

August 31

**Opening ceremony** (Room1; 8:30 – 9:00)

**Plenary lecture** – “The Voice of Experience: looking back and looking ahead”, Johan Sundberg, CSC  
KTH Royal Institute of Technology Stockholm, Sweden (Room1; 9:00 – 9:45)

**W1-Singing Voice 1 (Room1; 9:45 – 10:30)**

- M. Hammond: THE PRACTICAL APPLICATION OF SINGING TECHNIQUE TO MUSICAL THEATRE AND CONTEMPORARY COMMERCIAL MUSIC

**W2-Singing Voice 2 (Room2; 9:45 – 10:30)**

- F. Vanhecke: INHALING SINGING

**W3-Speech Pathology/Therapy 1 (Room3; 9:45 – 10:30)**

- I. Denizoglu: DOCTOR VOX: A NEW DEVICE FOR VOICE THERAPY AND VOCAL TRAINING

**W4-Singing Pedagogy 1 (Room4; 9:45 – 10:30)**

- D. Chalfin, K. Chandler: Primal sounds in pop vocal pedagogy

**FP-Singing 1 (Room1; 11:00 – 12:30)**

**Chairpersons: P.H. Dejonckere, D.G. Miller**

- E. Bamps, J. Luyten, W. Decoster, F. de Jong: THE ROLE OF THE VOICE RANGE PROFILE IN CLASSIFYING VOICES OF SINGERS
- J.P.H. Pabon: WHERE IS THE SINGERS FORMANT WHEN THE LEVEL GOES DOWN?
- J.P.H. Pabon, J.A. Snelleman, R. Rachele: OVERTONE SINGING: SELECTION BY AMPLIFICATION OR BY DAMPING? IS A FLOW MODULATION MECHANISM INVOLVED?
- D. G. Miller, H. K. Schutte: THE FEMALE MIDDLE SINGING VOICE: GLOTTAL SOURCE CHARACTERISTICS AND RESONANCE STRATEGIES
- S. Stavropoulou, A. Georgaki: EXPLORING THE ACOUSTIC VOCAL PROFILE OF “SCREEN SINGERS” AT THE GREEK ELEMENTARY SCHOOL
- E. Löwerot: DOES A CHOIR REHEARSAL AFFECT THE SPEAKING VOICE? A STUDY OF VOCAL LOADING IN FEMALE AMATEUR SINGERS BASED ON ACOUSTIC ANALYSIS

**FP-Acoustical/Mechanical Analysis 1 (Room2; 11:00 – 12:30)**

**Chairpersons: J. G. Švec, D. Berry**

- J. Vydrová, J. G. Švec, R. Domagalska: VIDEOKYMOGRAPHY IN CLINICAL PRACTICE
- K. Hosokawa, M. Ogawa, T. Iwahashi, C. Kato, H. Inohara: THE AMPLITUDE IRREGULARITY OF ELECTROGLOTTOGRAPHY - SYNCHRONOUS OBSERVATION OF THE VOCAL FOLD VIBRATION WITH HIGH-SPEED DIGITAL IMAGING
- M. Ogawa, T. Iwahashi, K. Hosokawa, H. Inohara: RIGOROUS PHASE ESTIMATION OF ABNORMAL LARYNGEAL MOVEMENT DURING THROAT CLEARING USING HIGH- SPEED IMAGING AND ELECTROGLOTTOGRAPHY
- V. Hampala, M. Garcia, R. C. Scherer, J. G. Švec, C. T. Herbst: ELECTROGLOTTOGRAPHY AND VOCAL FOLD CONTACT AREA – HIGH SPEED VIDEO MEASUREMENTS
- P. Amarante Andrade, M. Frič, J. G. Švec: QUANTIFICATION OF GLOTTAL WIDTH VIA VIDEOKYMOGRAPHIC AND HIGH SPEED IMAGES WITH BIDIRECTIONAL ILLUMINATION
- S. Algoet, E. Eraly, B. Vandaele, W. Decoster, F. De Jong: THE VIBRATORY PATTERN OF THE VOCAL FOLDS IN THE FOUR VOCAL MODES OF COMPLETE VOCAL TECHNIQUE. A VIDEOKYMOGRAPHIC STUDY.

**FP-Medical 1 (Room3; 11:00 – 12:30)****Chairpersons: M. Södersten, M. De Bodt**

- U. Nygren, S. Hertegård, M. Södersten: VOICE VIRILIZATION AFTER USE OF ANABOLIC STEROIDS RESULTS OF PITCH-RAISING SURGERY AND VOICE THERAPY – A CASE STUDY
- F. Cardell, J. Hedberg, M. Ruda, U. Nygren, M. Englund, M. Södersten: TRANSLATION, TEST OF RELIABILITY AND VALIDITY OF THE SWEDISH VERSION OF TRANSSEXUAL VOICE QUESTIONNAIRE MALE-TO-FEMALE
- N. Matar, S. Matar, M. Moussa, F. Baider, T. Ibrahim, C.Portes: ARE WOMEN WITH REINKE'S EDEMA GOOD CANDIDATES FOR THE STUDY OF GENDER IN VOICE?
- M. Södersten, U. Nygren, S. Hertegård, C. Dhejne: SWEDISH INTERDISCIPLINARY PROGRAM FOR INDIVIDUALS WITH GENDER DYSPHORIA WITH FOCUS ON VOICE
- T. Nilsson, S. Master, K. Järvinen, T. Syrjä, A.-M. Laukkanen: COMPARISON OF VOICE QUALITY EVALUATIONS CONDUCTED BY BRAZILIAN AND FINNISH LISTENERS
- M. De Bodt, A. Deswaef, T. Verstraete: IMPACT OF BODY POSTURE ON PERCEIVED VOICE QUALITY

**FP-Acoustical/Mechanical Analysis 2 (Room4; 11:00 – 12:30)****Chairpersons: P. Aichinger, M. Moerman**

- A. Bandini, S. Skodda, S. Orlandi, C. Manfredi: MANUAL VS AUTOMATIC SEGMENTATION OF SYLLABE REPETITION: APPLICATION TO DYSPROSDY IN IDIOPATHIC PARKINSON'S DISEASE
- P. Aichinger, M. Hagmüller, I. Roesner, W. Bigenzahn, B. Schneider-Stickler, J. Schoentgen: DIFFERENTIATING DIPLOPHONIA FROM OTHER TYPES OF SEVERE DYSPHONIA BY ACOUSTIC ANALYSIS
- R. M. Bermúdez de Alvear, J. Corral, L. J. Tardón, A. M. Barbancho, E. Fernández Contreras, S. Rando Márquez, A. G. Martínez-Arquero, I. Barbancho: A DATABASE AND DIGITAL SIGNAL PROCESSING FRAMEWORK FOR THE PERCEPTUAL ANALYSIS OF VOICE QUALITY
- S. Jannetts, F. Schaeffler: CEPSTRAL PEAK PROMINENCE-BASED PHONATION STABILISATION TIME AS AN INDICATOR OF VOICE DISORDER
- B. Barsties, Y. Maryn: THE AVQI WITH EXTENDED REPRESENTATIVITY: EXTERNAL VALIDITY AND DIAGNOSTIC PRECISION WITH 1058 VOICE SAMPLES
- K. Daemers, A. Labaere, M. Moerman: CEPSTRAL MEASUREMENTS: IN SEARCH OF THE OPTIMAL SPEECH SAMPLE, CEPSTRAL FEATURE AND NORMATIVE DATA

**W5-Singing Voice 3 (Room1; 14:00 – 14:45)**

- L. Popeil: ABSOLUTE VOCAL RANGE AND REGISTERS : AN INTERACTIVE WORKSHOP

**W6-Singing Voice 4 (Room2; 14:00 – 14:45)**

- Lees Craig: WORKING WITH PRIMAL SOUND AND OTHER DEVICES IN POPULAR CHORAL MUSIC

**Round Table 1 (Room3; 14:00 – 15:30)**

- Moderator: P. H. DeJonckere. Participants: F. Vanhecke, M. Moerman, F. Desmet: INHALING SINGING : HISTORIC, PHYSIOLOGIC, ACOUSTIC AND ARTISTIC ASPECTS

**W7-Speech Pathology/Therapy 2 (Room4; 14:00 – 14:45)**

- O. Calcinoni, E. Rios, J. Arcas: LOGOPEDIC EXPLORATION AND DIAGNOSTIC IN VOCAL TRACT AND ORAL FUNCTIONS

**W8-Singing Voice 5 (Room1; 14:45 – 15:30)**

- L. Wayman: MY DRAG ARTIST HAS LOST HIS FALSETTO!

**W9-Singing Voice 6 (Room2; 14:45 – 15:30)**

- W. Saus: CHORAL PHONETICS : HOW VOWELS CONTROL INTONATION

**W10-Speech Pathology/Therapy 3 (Room4; 14:45 – 15:30)**

- I. Denizoglu: MULTIDIMENSIONAL ASPECTS OF HUMAN VOICE PRODUCTION : ANATOMY AND PHYSIOLOGY FROM THE STANDPOINT OF ARTS, MATHEMATICS AND SOUND PHYSICS.

**Round Table 2 (Room1; 16:00 – 17:30)**

- Moderator: S. Ternström. Participants: S. Moisić, P. Pabon, D. Howard: FUTURE DIRECTIONS FOR THE VIRTUAL VOICE

**Round Table 3 (Room2; 16:00 – 17:30)**

- Moderator: O. Calcinoni, P.H. Dejonckere. Participants: M. Limarzi, A. Ricci Maccarini: 15 YEARS FROM 38/2000 : MEDICO LEGAL ASSESSMENT OF BIOLOGICAL DAMAGE IN LARYNGEAL IMPAIRMENT

**W11-Speech Pathology/Therapy 4 (Room3; 16:00 – 16:45)**

- J. Devold: PSYCHOMOTOR EXERCISE FOR VOICE DISORDERS

**W12-Speech Pathology/Therapy 5 (Room3; 16:45 – 17:30)**

- G. Tveteraas: MEDICAL QIGONG FOR MUSCULAR TENSION DYSPHONIA

**FP-Children 1 (Room4; 16:00 – 17:30)**

**Chairpersons: O. Amir, J. Oates**

- S. Orlandi, A. Monti, F. Fiaschi, A. Bandini, C. Pieraccini, C. Guerrieri, L. Granchi, C. Manfredi: ACOUSTICAL ANALYSIS OF VOCALIZATIONS DURING THERAPY IN 2-5 YEARS OLD AUTISTIC CHILDREN
- S. Orlandi, D. Melino, A. Bandini, G.P. Donzelli, C. Manfredi: NEWBORN CRY ANALYSIS: THE MELODY SHAPE
- O. Amir, M. Wolf, Mick, L., Levi, O., Primov-Fever, A.: PARENTS EVALUATING THEIR CHILDREN'S VOICE: DIFFERENCES BETWEEN MOTHERS AND FATHERS
- T. Scalzo, J. Oates, K.Greenwood: FACTORS ASSOCIATED WITH VOCAL IMPAIRMENT AND VOICE PROBLEMS IN PRESCHOOL-AGED CHILDREN
- P. Melo Pestana, S. Vaz-Freitas : AERODYNAMIC MEASURES: ACCURACY IN CHILDHOOD DYSPHONIA
- V. Lyberg Åhlander, L. Holm, T. Kastberg, J. Brännström, B. Sahlén: DOES A DYSPHONIC VOICE IN BACKGROUND NOISE AFFECT CHILDREN'S PERFORMANCE AND ATTITUDES?

## September 1

### **W13-Singing Voice 7 (Room1; 8:15 – 9:00)**

- M. Hammond: WORKING WITH SINGERS ON EXPRESSING THE MEANING OF TEXT

### **W14-Singing Voice 8 (Room2; 8:15 – 9:00)**

- T. Hug: BEATBOX & BEYOND – USING THE VOICE AS AN INSTRUMENT

### **W15-Singing Pedagogy 2 (Room3; 8:15 – 9:00)**

- L. Gates: THE SINGING AND THE SPEAKING VOICE : EXPLORING A SHARED PEDAGOGY

### **FP-Linguistics/Emotional 1 (Room4; 8:15 – 10:30)**

**Chairpersons: J. Sundberg, N. Henrich**

- P. Lirio, N. Polo: CREAKY VOICE IN SPANISH FEMALE SPEAKERS
- K. Thomsen Grønnemose, S. Gryholdt Rasmussen: THE IMMEDIATE EFFECT OF THE KNEE-BOUNCING EXERCISE WITH PHONATION ON THE FUNDAMENTAL FREQUENCY (F0) IN CONNECTED SPEECH. A SINGLE CASE EFFICACY STUDY REPEATED ON 10 FEMALE UNIVERSITY STUDENT
- H. C. Miranda, C. Souza, S. Master: THEATRICALITY IN FREQUENCY AND INTENSITY: ANALYSIS OF THE PLAY “STEPS” OF THE OBRAGEM GROUP OF THEATRE AND CO
- L.M. Barbosa, S. Master: EXPRESSIVE RESOURCES CHARACTERISTICS USED BY ACTORS AND ACTRESSES IN DRAMATIC TEXT
- M. F. A. Andrade, C. M. Vasconcellos, L. A. Khouri, S. Master: BECKETTIAN SONORITIES: VOCAL PREPARING IN SAMUEL BECKETT’S THEATRE
- S. Master, M. Guzman, M. Josefina Azocar , D. Munoz, C. Bortnem: HOW DO LARYNGEAL AND RESPIRATORY FUNCTIONS CONTRIBUTE TO DIFFERENTIATE ACTORS/ACTRESSES AND UNTRAINED VOICES?
- G. L. Salomão, J. Sundberg, K. R. Scherer: EMOTIONAL COLORING OF THE SINGING VOICE
- T. Waaramaa: GENDER DIFFERENCES IN IDENTIFYING EMOTIONS FROM AUDITIVE AND VISUAL STIMULI
- R. Signorello, D. Demolin, N. Henrich Bernardoni, J. Kreiman, B. R. Gerratt, Z. Zhang: F0 AND INTENSITY IN CHARISMATIC POLITICAL SPEECH: A CROSS-CULTURAL STUDY

### **W16-Singing Voice 9 (Room1; 9:00 – 9:45)**

- C. Klein Goldewijk, H. Bax: SING SELF-CONFIDENT. HOLISTIC APPROACH : PSYCHOLOGY, VOCAL COACHING AND SPEECH THERAPY

### **W17-Singing Voice 10 (Room2; 9:00 – 9:45)**

- I. Denizoglu: SCIENTIFIC SECRETS OF BREATHING FOR SINGING

### **FP-Medical 2 (Room3; 9:00 – 10:30)**

**Chairpersons: J. Schlömicher Tier, M. Hess**

- O. Primov-Fever, O. Amir, E. E. Alon, M. Wolf: RADIESSE VOICE GELTM Vs. RADIESSE VOICETM INJECTION FOR UNILATERAL VOCAL FOLD PARALYSIS
- J. Schlömicher-Thier, M. Weikert: BENEFIT OF THE EARLY TRANSIENT VOCAL FOLD AUGMENTATION WITH HYALURONIC ACID AT ACUTE VOCAL FOLD PARESIS – WHAT DOES THE PHONIATRICIAN NEED TO KNOW FOR EFFECTIVE INDICATION
- T. Fukuhara, H. Kataoka, T. Morisaki, M. Miyoshi, H. Kitano: NOVEL MODIFICATIONS TO A FENESTRATION APPROACH FOR ARYTENOID ADDUCTION UNDER LOCAL ANESTHESIA
- M. Hess, A. Niessen, F. Müller, K. Püschel, C. Pflug: PIN-UP GLOTTOPLASTY: A NEW TECHNIQUE TO MEDIALIZE OR LATERALIZE THE VOCAL FOLD IN RECURRENT NERVE PARALYSIS
- M. Hess, E. v. Waldersee, F. Müller, M. Kammal, K. Püschel: CAN TYPE I THYROPLASTY IMPLANTS DIRECTLY MEDIALIZE THE VOCAL PROCESS ? – AN ANATOMICAL STUDY ON

## EXCISED LARYNGES

### **W18-Singing Voice 11 (Room1; 9:45 – 10:30)**

- D. Miller: THE FEMALE MIDDLE SINGING VOICE EXPLORED WITH NON-INVASIVE FEEDBACK FROM AUDIO AND EGG SIGNALS

### **W19-Singing Voice 12 (Room2: 9:45 – 10:30)**

- ATM ter Doest, M. Reinders: BELTS, ROCK BELTS AND SCREAMS. BELTING AT A HIGHER LEVEL

### **W20-Singing Voice 13 (Room1; 10:45 – 11:30)**

- E.G. Bianco: UP-DOWN AND BACK-FRONT EFFECTS FOR SPEAKERS AND SINGERS

### **FP-Singing 2 (Room1; 11:30 – 12:30)**

**Chairpersons: F. De Jong, O. Kähkönen**

- L. Jansen, K. Stroobants, H. Meulemans, W. Decoster, F.de Jong: THE EFFECTS OF BREATHING EXERCISES WITH THE FLOW BALL
- S. Ravall, S. Simberg: VOICE DISORDERS AND VOICE KNOWLEDGE AMONG CHOIR SINGERS
- E. Sielska-Badurek, E. Osuch-Wójcikiewicz, E. Kazanecka, K. Niemczyk: THE IMPACT OF FUNCTIONAL REHABILITATION ON DYSPHONIA TREATMENT IN SINGERS
- A. Vurma: PHONATORY STRATEGIES OF VOCALISTS AT SINGING DIATONIC SCALES WITH VARIOUS DYNAMIC SHAPING

### **FP-Acoustical/Mechanical Analysis 3 (Room2; 11:00 – 12:30)**

**Chairpersons: D. Mürbe, A-M. Laukkanen**

- H. Yamauchi, H. Imagawa, H. Yokonishi, K. Sakakibara, T. Nito, N.Tayama, T.Yamasoba: LARYNGOTOPOGRAPHY FOR INTUITIVE EVALUATION OF SPATIAL CHARACTERISTICS OF VOCAL FOLD VIBRATION IN NORMAL AND PATHOLOGICAL VOICES
- J. G. Svec, Z. Mala, P. A. Andrade, M. Fric, J. Vydrova, F. Sram: VIDEOKYMOGRAPHIC ANALYSIS OF VOCAL FOLD VIBRATION IN UNILATERAL VOCAL FOLD PARALYSIS
- A. Mainka, I. Platzek, D. Mürbe: REPRODUCIBILITY AND ERROR ESTIMATIONS OF AREA AND VOLUME MEASURES OF THE LOWER VOCAL TRACT OBTAINED BY MRI DURING SUSTAINED PHONATION
- M. Guzman, C. Castro, S. Madrid, C. Olavarria, D. Muñoz, E. Jaramillo, A.-M. Laukkanen: AIR PRESSURE AND GLOTTAL CONTACT QUOTIENT MEASURES DURING DIFFERENT SEMI-OCCLUDED POSTURES IN SUBJECTS WITH DIFFERENT VOICE CONDITIONS
- D.A. Berry, D.K. Chettri, M. Döllinger: VOCAL FOLD POSTURING AS A FUNCTION OF THE ACTIVATION OF THE INTRINSIC LARYNGEAL MUSCLES
- A. Lagier, T. Legou, N. Henrich, P. Champsaur, A. Giovanni : LARYNX UNDER ULTRA-HIGH SUBGLOTTAL PRESSURE: MEASURE OF CONTACT FORCE BETWEEN VOCAL FOLDS IN EXCISED HUMAN LARYNGES

### **FP-Medical 3 (Room3; 11:00 – 12:30)**

**Chairpersons: M. Sihvo, G. Cantarella**

- B. Miałkiewicz, A. Szielkowska: RESULTS OF SURGICAL TREATMENT OF PATIENTS WITH SULCUS VOCALIS

- J. Iwarsson, D. Morris: COGNITIVE LOAD OF VOICE THERAPY CARRY-OVER EXERCISES
- M. Miyoshi, T. Fukuhara, H. Kataoka: RELATIONSHIP BETWEEN QUALITY OF LIFE INSTRUMENTS AND PHONATORY FUNCTION IN TRACHEOESOPHAGEAL SPEECH WITH VOICE PROSTHESIS IN MALES
- A. Borragán, E. Lucchini, A. Schindler, M. Borragán, A. Ricci Maccarini: EFFICACY OF THE PROPRIOCEPTIVE-ELASTIC (PROEL) METHOD IN VOICE THERAPY
- M. Sihvo, T. Luukkaala, L. Kleemola: ONE-YEAR FOLLOW-UP OF DYSPHONIC PATIENTS' REPORTS OF DYSPHONIC SYMPTOMS AND LIFE QUALITY ALONG VOICE THERAPY USING « LAX VOX » TUBE INSERTED IN WATER
- C. Kato, M. Ogawa, T. Iwahashi, K. Hosokawa, H. Inohara: DIFFERENTIAL ELECTROMYOGRAPHIC ACTIVITIES OF THE THYROID TENDON MUSCLE DURING HUMMING/UM-HUM ASSOCIATED WITH EXPERIENCE VOCAL TRAINING

#### **W21-Speech Pathology/Therapy 6 (Room4; 11:00 – 11:45)**

- S. Simberg, G. Wistbacka, S. Granqvist, B. Hammarberg, S. Hertegård, S. Holmqvist, H. Lasson, P-A Lindestad, J. Sundberg, M. Södersten: RESONANCE TUBE PHONATION IN WATER : A TUTORIAL WORKSHOP ON THE METHOD AND SOME OBSERVATIONS FROM HIGH-SPEED IMAGING, ELETTROGLOTTOGRAPHY AND ORAL PRESSURE REGISTRATION

#### **W22-Speech Pathology/Therapy 7 (Room4; 11:45 – 12:30)**

- O. Calcinoni, P. Camporeale: ERGONOMIC PROTOCOL FOR PROPER USE OF PROFESSIONAL VOICE

#### **FP-Singing 3 (Room1; 14:00 – 15:30)**

**Chairpersons: M. Echternach, F. Vanhecke**

- M. Echternach, F. Burk, L. Traser, M. Burdumy, B. Richter: THE EFFECT OF DIFFERENT LOUDNESS CONDITIONS ON VOCAL TRACT CONFIGURATIONS IN PROFESSIONAL SINGERS
- E. Haneishi, H. Kawahara, K. Hagiwara, R. Oribe, H. Takemoto, K. Honda: A PRELIMINARY STUDY ON DIAPHRAGM MOTIONS AND VOCAL TRACT CONFIGURATIONS DURING SINGING: ANALYSES OF REAL-TIME MRI AND ACOUSTIC DATA
- M.B.J. Moerman, F. Vanhecke, L. Van Assche, J. Vercuysse, K. Daemers, M. Leman: VOCAL TRACT MORPHOLOGY IN INHALING SINGING: AN MRI BASED STUDY
- D. Mürbe, A. Mainka, A. Poznyakovskiy, I. Platzek, H. Zabel, J. Sundberg: DOES LOWER VOCAL TRACT MORPHOLOGY IN SINGING DEPEND ON VOWELS? YES, IT DOES!
- L. Traser, A. Özen, M. Burdumy, M. Bock, B. Richter, M. Echternach: BREATHING STRATEGIES IN SINGING – A DYNAMIC TWO- AND THREE-DIMENSIONAL MAGNETIC RESONANCE IMAGING STUDY
- R.R. Vos, H. Daffern, D. M. Howard: DIFFERENCES IN VOCAL TRACT RESONANCES INTRODUCED BY MRI CONDITIONS IN A MALE AND FEMALE SINGER (A PILOT STUDY)

#### **FP-Acoustical/Mechanical Analysis 4 (Room2; 14:00 – 15:30)**

**Chairpersons: E. Bianco, A. Revis**

- E. Bianco: CONTROL OF THE INTENSITY OF THE HARMONICS AND OF THE INTRAGLOTTIC PRESSURE FOR VOICE QUALITY. ACOUSTICAL EXAMPLES.

- H. Kataoka, S. Arii, T. Fukuhara: DIRECT MEASUREMENT OF SOUND LEVEL JUST ABOVE THE GLOTTIS FOR ACOUSTIC ANALYSES IN HUMAN SUBJECTS
- A. Lodermeier, R. Blandin, G. Kaehler, S. Kniesburges, M. Döllinger, S. Becker: INFLUENCE OF SUPRAGLOTTAL BOUNDARY CONDITIONS ON PHONATION IN A SYNTHETIC MODEL
- A. El Hajj, M. Piterman, Y. Meynadier, T. Legou, L. Akl, A. Giovanni: VOCAL EFFORT AND INTELLIGIBILITY. A PRELIMINAR STUDY WITH AERODYNAMIC MEASUREMENTS DURING PHONATION OF CONSONANTS
- W. Mattheus, D. Mürbe: COMPUTATIONAL STUDY OF THE TRANSGLOTTAL AERODYNAMICS DURING SUSTAINED VOWEL PHONATION
- M. Arnela, O. Guasch, H. Espinoza, R. Codina: FINITE ELEMENT GENERATION OF DIPHTHONGS USING TUNED TWO-DIMENSIONAL VOCAL TRACTS AND INCLUDING RADIATION LOSSES

**FP-Medical 4 (Room3; 14:00 – 15:30)**

**Chairpersons: V. Uloza, E. Chavez**

- S. Whitling, V. Lyberg Åhlander, R. Rydell: PARTICIPATION TIME IN A VOCAL LOADING TASK AND ITS RELATION TO SYMPTOMS OF VOCAL FATIGUE IN 6 VOCAL SUBGROUPS.
- C. Calvache, M. Guzman, L. Romero, D. Muñoz, C. Olavarria, S. Madrid, M. Leiva, C. Bortnem: DO DIFFERENT SEMI-OCCLUDED VOICE EXERCISES AFFECT DIFFERENTLY VOCAL FOLD ADDUCTION IN SUBJECTS DIAGNOSED WITH FUNCTIONAL DYSPHONIA?
- M. Gugatschka, S. Bachna-Rotter, C. Gerstenberger, J. Jarvis, M. Karbner, G. Friedrich: EFFICIENCY OF ELECTRIC NEURO-STIMULATION IN TREATMENT OF PRESBYPHONIA IN THE ANIMAL MODEL.
- N. Lambrechts, K. Daemers, M. Moerman: THE EFFECT OF OSTEOPATHIC MANIPULATIVE TREATMENT ON MUSCLE TENSION DYSPHONIA. A PILOT STUDY.
- V. Uloza, E. Padervinskis, E. Vaičiukynas, A. Gelzinis, A. Verikas: UTILITY OF SMART PHONE MICROPHONE FOR MEASUREMENT OF ACOUSTIC VOICE PARAMETERS AND VOICE PATHOLOGY SCREENING
- E. Chavez: VOICE PATHOLOGY DUE TO FOOD AND RESPIRATORIES ALLERGIES

**FP-Singing 4 (Room4; 14:00 – 15:30)**

**Chairpersons: J. LoVetri, M. Meylan**

- M. Meylan: VOCAL TRACT RESETS FOR PROFESSIONAL MUSICAL THEATRE SINGERS DURING PERFORMANCE; AN EXPERIENTIAL OVERVIEW
- G. Chrysochoidis, G. Kouroupetroglou: BYZANTINE ECCLESIASTIC CHANT: FROM PRACTICE TO THEORY USING MACHINE LEARNING TECHNIQUES
- S. Kalozakis, A. Georgaki: EXPLORING THE VOCAL TIMBER NUANCES OF THE CRETAN RIZITIKA SINGING IDIOM
- J. LoVetri, D. Gullstrand: A DEMOGRAPHIC STUDY OF PROFESSIONAL BELTERS: WHO THEY ARE AND HOW THEY SING
- J. LoVetri, M. Hoch: LOOKING AT THE INTERFACE BETWEEN CLASSICAL SINGING AND CONTEMPORARY COMMERCIAL MUSIC: THE CURRENT SITUATION
- I.M. Bartlett, M.L. Naismith: CONTEMPORARY COMMERCIAL MUSIC VOCAL PEDAGOGY – A CLASS OF ITS OWN

**W23-Singing Voice 14 (Room1; 16:00 – 16:45)**

- B. Norberg: B-SINGING WITH BONES FOR LIFE

**W24-Singing Voice 15 (Room2; 16:00 – 16:45)**

- ATM ter Doest, M. Reinders: UNIVERSAL VOICE: SPEECH FALSETTO CLASSICAL BELTING

**W25-Medical 1 (Room3; 16:00 – 16:45)**

- O. Calcinoni: METABOLIC DEMANDS AND NUTRITIONAL REQUIREMENTS IN SINGERS

**W26-Singing Pedagogy 3 (Room4; 16:00 – 16:45)**

- J. LoVetri: USING SINGING EXERCISES EFFECTIVELY

**Round Table 4 (Room1; 16:45 – 18:15)**

- Moderator: J. Rubin. Participants : R. Epstein, E. Blake, M. Hammond, P. H. DeJonckere: CARE FOR THE PROFESSIONAL VOICE USER WITH AN INJURED VOICE

**FP-Acoustical/Mechanical Analysis 5 (Room2; 16:45 – 18:15)**

**Chairpersons: D. Howard, P. Pabon**

- D.M. Howard: DEMONSTRATING VOICE ACOUSTICS USING THE VOCAL TRACT ORGAN
- J. Gully, D. M. Howard: PERCEIVED NATURALNESS OF A 3D DYNAMIC DIGITAL WAVEGUIDE MESH MODEL OF THE VOCAL TRACT
- M. Arnela, S. Dabbaghchian, R. Blandin, O. Guasch, O. Engwall, X. Pelorson, A. Van Hirtum: EFFECTS OF VOCAL TRACT GEOMETRY SIMPLIFICATIONS ON THE NUMERICAL SIMULATION OF VOWELS
- R. Blandin, A. Van Hirtum, X. Pelorson: STUDY OF DIPHTHONG PRODUCTION USING A DYNAMIC VOCAL TRACT REPLICIA
- G. Wistbacka, P. Amarante Andrade, B. Hammarberg, H. Larsson, M. Södersten, J. G. Svec, S. Simberg, S. Granqvist: RESONANCE TUBE PHONATION IN WATER – THE EFFECT OF TUBE DIAMETER AND WATER DEPTH ON THE BUBBLE FREQUENCY AND BUBBLE FORMATION MODES AT DIFFERENT AIRFLOWS
- G. Wistbacka, J. Sundberg , S. Simberg: VERTICAL LARYNGEAL POSITION DURING RESONANCE TUBE PHONATION IN WATER AND IN AIR

**W27-Medical 2 (Room3; 16:45 – 17:30)**

- G. Cantarella, R. Mazzola, E. Ragni: VOCAL FOLD FAT AUGMENTATION: FILLER EFFECT OR TISSUE REGENERATION ?

**W28-Singing Pedagogy 4 (Room4; 16:45 – 17:30)**

- S. Yarnall: THE SCIENCE OF THE SINGING VOICE

**W29-Medical 3 (Room3; 17:30 – 18:15)**

- F. De Jong: VIDEOKYMOGRAPHY IN PHONIATRIC CLINICAL PRACTICE

**W30-Singing Pedagogy 5 (Room4; 17:30 – 18:15)**

- I. Jezowska: IMPOSTARE O LIBERARE: THE METHOD OF VOICE RELEASE THROUGH THE MOVEMENT AT WORK WITH FUTURE ACTORS AND SINGERS



## September 2

### **FP-Occupational 1 (Room1; 8:45 – 10:30)**

**Chairpersons: A.Remacle, S. Ternström**

- A. Szabo Portela, S. Granqvist, S. Ternström, M. Södersten: OBJECTIVE AND SUBJECTIVE VOICE DATA LINKED TO BACKGROUND NOISE IN FEMALE PATIENTS WITH OCCUPATIONAL VOICE DISORDERS AND MATCHED CONTROLS
- A. Remacle, C. David, C. Petillon, M. Garnier: IMPACT OF A ONE-DAY PREVENTIVE VOICE PROGRAM FOR TEACHERS: A LONGITUDINAL STUDY
- A. Pijper, M. Alston: PERCEPTUAL RATING OF THE IMPACT OF VOICE DISORDERS ON OCCUPATION: IS THERE A CONSENSUS AMONGST VOICE PROFESSIONALS?
- D. Fellman, S. Simberg: VOICE PROBLEMS AMONG SOCCER COACHES – PREVALENCE AND RISK FACTORS
- V. Lyberg-Åhlander, R. Rydell, P.Fredlund, C. Magnusson, S. Wilén: PREVALENCE OF VOICE DISORDERS IN THE GENERAL POPULATION IN SWEDEN
- S. Simberg, A. Gustafsson: VOICE PROBLEMS IN PERSONEL WORKING ON A CRUISE SHIP AND SOME ENVIRONMENTAL FACTORS CONTRIBUTING TO THEM
- I. Ilomäki, E. Kankare, J. Tyrmi, A-M. Laukkanen: SMOOTHED CEPSTRAL PEAK PROMINENCE AND PERCEPTUAL EVALUATION OF VOICE IN TEACHERS

### **Round Table 5 (Room2; 9:00 – 10:30)**

- Moderator: J. Sundberg. Participants: M. Havel, B.P. Gill, F.M.B. Lã, J. Lee: ROUND TABLE ON NASAL RESONANCE IN SINGING

### **Round Table 6 (Room3; 9:00 – 10:30)**

- Moderator: R. Eugenia Chavez. Participants: J. Schloemicher-Thier, G. Wohlt, E. Bianco, M. Hess: PHONOSURGICAL CHALLENGES IN PROFESSIONAL SINGERS

### **W32-Singing Voice 16 (Room1; 11:00 – 11:45)**

- J.P.H. Pabon: REAL-TIME SINGING VOICE SYNTHESIS WITH PHYSICAL MODELS

### **W33-Singing Pedagogy 7 (Room2; 11:00 – 11:45)**

- E. Haupt: THE SECRET KEY TO VOICE

### **W34-Speech Pathology/Therapy 8 (Room3; 11:00 – 11:45)**

- W.K.A. Boon: SPEAKING IS HARDER THAN SINGING

### **W35-Singing Voice 17 (Room1; 11:45 – 12:30)**

- N. Fagerberg, S. Ziedoy: THE BODY INSTRUMENT : HOW THE BODY IS ESSENTIAL FOR VOICE QUALITY

### **W36-Singing Pedagogy 8 (Room2; 11:45 – 12:30)**

- V. Laaksonen, A. Holmberg: VOWELS IN COMPLETE VOCAL TECHNIQUE & VOWELS AS IT'S OWN METHOD

### **W37-Speech Pathology/Therapy 9 (Room3; 11:45 – 12:30)**

- J. Løvbakk, P. Ericson: A SPEECH THERAPIST'S APPROACH TO VOCAL CORD DYSFUNCTION (VCD)

## POSTER SESSION

### ACOUSTICAL/MECHANICAL ANALYSIS

- A1 A.-M. Laukkanen, J. Tyrmi: HOW STRESSFUL IS 'DEEP BUBBLING'?
- A2 H. Yokonishi, H. Imagawa, K.-I. Sakakibara, T. Goto, A. Yamauchi, T. Nito, T. Yamasoba, N. Tayama: DEVELOPMENT OF A COMPREHENSIVE CLINICALLY AVAILABLE PROGRAM FOR HIGH-SPEED DIGITAL IMAGING
- A3 J. Tyrmi, V. Radolf, J. Horáček, A.-M. Laukkanen: RESONANCE TUBE OR LAX VOX?
- A4 A. Bandini, F. Giovannelli, G. Zaccara, M. Cincotta, P. Vanni, R. Chiamonti, A. Borgheresi, S. Orlandi, C. Manfredi, ACOUSTIC AND KINEMATIC MEASURE OF SPEECH IN IDIOPATHIC PARKINSON'S DISEASE BY MEANS OF CONTACT-LESS TECHNIQUE
- A5 A. Granados, J. Brunskog: INVERSE PROBLEM IN HIGH-SPEED RECORDINGS OF THE VOCAL FOLDS
- A6 A. Labaere, M. Verguts: RELIABILITY OF OPERAVOXTM AS A VOICE ANALYSIS TOOL

### CHILDREN

- C1 E. Kallvik, T. Putus, S. Simberg: INDOOR AIR PROBLEMS AND HOARSENESS IN CHILDREN
- C2 P. Melo Pestana, S. Vaz-Freitas: LENGTH AND FREQUENCY OF SPEECH THERAPY ON CHILDHOOD DYSPHONIA
- C3 A. Puurtinen: A PILOT STUDY OF TEACHING CHILDREN AGED 8 TO 12 TO SING 2010-2013.
- C4 S. Vaz-Freitas, S. Ferreira, P. Melo Pestana, I. Carvalho: PVHI: SUITABILITY IN AN EUROPEAN PORTUGUESE CLUSTER
- C5 S. Vaz-Freitas, M. Ribeiro, E. Cardoso, P. Melo Pestana, I. Carvalho: PVR-QOL: OUTCOMES OF THE PRE TEST APPLICATION IN AN EUROPEAN PORTUGUESE SAMPLE

### LINGUISTICS/EMOTIONAL

- L1 C. Robieux, C. Meunier: PHONETIC CONSIDERATIONS IN VOCAL EFFORT ASSESSMENT
- L2 L.M. Barbosa, S. Master: RELATION BETWEEN HEARING AND SPEECH PERCEPTION OF THE ACTRESS AND THE ACTOR: PRAXIS UNDER CONSTRUCTION
- L3 S. Gryholdt Rasmussen, T. Sejr Hansen: PERCEPTIONS OF THE CREAKY VOICE QUALITY: CAN YOUR VOICE REVEAL WHO YOU ARE?
- L4 T. Waaramaa, T. Kukkonen: EMOTION IDENTIFICATION BY PEOPLE WITH NORMAL HEARING AND PEOPLE WITH IMPAIRED HEARING

### MEDICAL

- M1 K. Pedak, K. Kalling, K. Vechterstein, K. Arefjeva, M. Pärtel: BODY COMPOSITION, PHYSICAL CONDITION AND PULMONARY FUNCTION IN PATIENT WITH VOICE DISORDERS.
- M2 B. Bøyesen: USE OF THE TWANG TECHNIQUE IN VOCAL TREMOR
- M3 M. De Bodt, F. Feyen: VOCAL AND PSYCHOSOCIAL CHARACTERISTICS OF PATIENTS WITH PSYCHOGENIC VOICE DISORDERS
- M4 E. Kankare, B. Barsties, Y. Maryn, I. Ilomäki, A.-M. Laukkanen, J. Tyrmi, L. Rantala, M. Asikainen, E. Rorarius, M. Siirilä, S. Vilpas: A PRELIMINARY STUDY OF THE ACOUSTIC VOICE QUALITY INDEX IN FINNISH SPEAKING POPULATION

- M5 C. Galant, A. Lagier, L. Santini, A. Giovanni, N. Fakhry: SPEECH CHANGES AFTER PARTIAL TUCKER'S LARYNGECTOMY : THE REDUCTION OF REGRESSIVE VOICING ASSIMILATION
- M6 D.S. Johansen: PRELIMINARY STUDY ON CREATING A VOICE SCREENING QUESTIONNAIRE FOR ADULT COCHLEAR IMPLANT RECIPIENTS
- M7 S. Holmqvist, P. Santtila, A. Johansson, L. Westberg, B. von der Pahlen, S. Simberg: INVESTIGATING STRESS AND SELF-REPORTED VOCAL SYMPTOMS THROUGH LEVELS OF SALIVARY CORTISOL
- M8 M.A. Han Liyan: ROLE OF THE VOICE CLINIC IN THE VOCAL PEDAGOGY OF CCOM
- M9 D. Sagiv, A. Eyal, J. Mansour, M. Wolf, A. Primov: THE ANATOMY OF THE THYROID CARTILAGE AND THE CRICOTHYROID MEMBRANE
- M10 N. Seekhao, C. Shung, J. JaJa, L. Mongeau, N. Y. K. Li: A COMPUTATIONAL UPDATE OF AGENT-BASED COMPUTER MODELS OF VOCAL FOLD INFLAMMATION AND REPAIR
- M11 E. Włodarczyk, A. Domeracka-Kolodziej, B. Miałkiewicz, A. Szkiełkowska: THE USE OF DX-PH MEASUREMENT SYSTEM IN THE DIFFERENTIAL DIAGNOSIS OF VOICE DISORDERS
- M12 S. Vaz-Freitas, E. Cardoso, P. Melo Pestana, S. Pais: VOCAL FOLD PARALYSIS – SPEECH THERAPY EFFECTIVENESS USING AUDIOPERCEPTUAL ASSESSMENT
- M13 S. Fleischer, M. Hess: HIGH SENSITIVITY FEES WITH NBI-ILLUMINATION
- M14 D.T. Walker, A.B. Addison, M. Harries: LONG TERM VOICE OUTCOMES OF PATIENTS TREATED WITH RADIOTHERAPY VERSUS LASER EXCISION FOR EARLY GLOTTIC TUMOURS
- M15 A. Galli, A. Ciabatta, G. Cantarella: ANALYSIS OF THE ETIOLOGY CHANGE OF VOCAL FOLD UNILATERAL PARALYSIS OVER 20 YEARS

#### **OCCUPATIONAL**

- O1 I. Ilomäki, E. Kankare, J. Tyrmi, L. Kleemola, A. Geneid: LIMITATION IN VOCAL ACTIVITIES AND PARTICIPATION RESTRICTION IN TEACHERS WITH FREQUENT SYMPTOMS OF VOCAL FATIGUE
- O2 A. Szabo Portela, D. Hagfeldt, K. Svensson, M. Södersten: SUBJECTIVE STRESS AND ENERGY LEVELS IN FEMALE PATIENTS WITH OCCUPATIONAL VOICE DISORDERS AND MATCHED CONTROLS
- O3 R. Perko: MENTAL MAPS IN LEADING VOICE-INSTRUMENT-VOICE COACHING FUTURE TEACHERS
- O4 E.YU. Radtsig, YU. Knyazeva: THE STATE OF MEDICAL STUDENTS' VOICE
- O5 A. Sinkiewicz, H. Mackiewicz-Nartowicz, H. Owczarzak, A. Garstecka: EVALUATION OF VOICE TRAINING EFFECTIVENESS IN PREVENTION OF VOICE DISORDERS IN TEACHERS

#### **SINGING**

- S1 T. Altorjay: EFFECTS OF DIFFERENT WARMING-UP SESSIONS ON THE SINGING VOICE
- S2 K. Bjørkøy, K. Jacobsen: OPERA STAGING AS A METHOD FOR IMPROVING EXPRESSION OF EMOTION IN CLASSICAL SINGING
- S3 O. Calcinoni: VOCAL TRACT BEHAVIOUR IN WIND PLAYERS
- S4 I. Denizoglu: SINGING VOICE THERAPY REVISITED

- S5 M. Hoch, J. LoVetri: THE NEED FOR A 21ST CENTURY SINGING DICTIONARY: WHY, WHAT & HOW
- S6 A. Mayr, K. E. Querns: SEEKING AUTHENTICITY IN THE PERFORMANCE OF THE BEL CANTO TENOR REPERTOIRE
- S7 R.M.L. Moseley-Morgan: CAN ANYTHING BE DONE PEDAGOGICALLY TO ENABLE THE MATURE FEMALE SINGER TO SUSTAIN VOCAL COMPETENCY AND HEALTH?
- S8 B. Kvernenes Nørsett: ASSESSMENT IN VOCAL POPULAR MUSIC PERFORMANCE IN HIGHER EDUCATION.