

## PROGRAM

**Friday, Oct. 17**

9.00 **Keynote 1**

**Authors**



**Robert Hillman**

**Title**

**Endoscopic Imaging of the Larynx: Past, Present and Future.**

10.00 **Coffe and exhibitors**

10.30 **Session 1**

Chair: Stellan Hertegård

Voigt, Döllinger, Yang,  
Eysholdt, Lohscheller

**Laryngeal imaging**

Objective diagnosis and voice disorders by a computerized classification of phonovibrograms.

Döllinger, Kunduk,  
Lohscheller

Classification of the vocal fold dynamics and the acoustical signal for different frequency and intensity levels by non-linear analysis.

Müller, Licht, Fleischer,  
Hess

HDTV and narrowband imaging-the future of laryngeal imaging?

Pedersen

High speed films as a diagnostic tool for voice related dystonia and tremor.

Horacek, Svec, Sidlof

Computational simulation of videokymography images of vibrating vocal folds.

Uloza, Kaseta,  
Pribuisiene

Assessment of influence of vocal fold polyps size on voice function.

12.10 **Lunch and exhibitors**

**Friday, Oct. 17**

**13.15 Session 2**

Chair: Per-Åke Lindestad

**Authors**

**Title**

**Acoustics and modelling**

Ternström, Oller

Searching for the harmonics vs noise cross-over frequency.

Gomez, Fernandez, Rodellar, Nieto, Scola, Ramirez

Accurate glottal source estimation for voice pathology detection.

Fernandez-Baillo, Vilda, Ramirez-Calvo, Scola-Yurrita

Description of pathological voices based on glottal source profile.

Stingl, Brücker, Triep, Döllinger

Numerical modelling of vocal fold dynamics for application in a physical model.

**Coffee and exhibitors**

**15.10 Session 3**

Chair: Eva B Homberg

Enflo, Sundberg

**Measuring voice**

Collision threshold pressure: a new measure reflecting vocal fold properties.

Mürbe, Roers, Sundberg

Voice classification and vocal tract. A study of x-ray images and morphology.

Lamarche, Pabon, Ternström

Voice range profile norms for female singers.

Shrivastav, Eddins

A standard approach to measuring voice quality perception for research applications.

Södersten, Larsson, Lindestad, Ternström, Holmberg

Effects of vocal loading and voice rest in five patients with vocal nodules: High speed digital and subglottal pressure data.

Lieberman

Laryngeal manipulation, rationale and results.

**17.10 End session 3**

**19.30 Conference dinner**

**Saturday, Oct. 18**

9.00 **Keynote 2**

**Authors**



**Roger Chan**

**Title**

**Vocal Fold Viscoelasticity-a review.**

10.00 **Coffe and exhibitors**

10.30 **Session 4**

Chair: Britta Hammarberg Larsson, Hertegård

Hertegård, Larsson

Welhem, Hasan,  
Yamashita, Zhang,  
Ling, Tateya

Yamashita, Bless,  
Welham

**Tissues and elasticity**

Air pulse stimulation for vocal fold elasticity measurement.

Elasticity in scarred rabbit vocal folds studied with air pulse stimulation.

Differential expression of transforming growth factor beta isoforms following vocal fold injury.

Migration of bone marrow transplanted cells to vocal fold injury sites in rat.

11.50 **Paus**

12.00 **Session 4 continous**

Chair: Sten Ternström

Licht, Müller, Schmolke,  
Hess, Püschel,  
Schumacher, Goodyer

Goodyer, Daley,  
Gunderson

Schmolke, Müller,  
Goodyer, Hess, Püschel,  
Schumacher, Licht

**Tissues and elasticity**

Elastic properties of vocal folds and ventricular folds: a comparison.

Variation of stiffness of the mucosa inferior to the vocal fold.

The linear skin rheometer (LSR)- a reliable tool for measuring elasticity in artificially damaged vocal folds.

13.00 **End and last words**

Per-Åke Lindestad