

ICVVPB 2012

The 8th International Conference on
Voice Physiology and Biomechanics

July 5-7, 2012

This meeting is designed to focus on studies related to the "Voice Source Analysis" to promote a wide spectrum on phonation-related transglottal airflow and vocal fold vibration.

It will provide a forum for the presentation and discussion of current scientific research on the larynx and voice. We encourage investigators working in the following areas to attend the conference:

Acoustics, Aerodynamics, Anatomy, Bio-acoustics, Biomechanics, Modeling, Molecular & Cellular Biology, Neurophysiology, Physiology, Physics, Tissue Engineering, laryngeal pathologies, etc.

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Summer School

July 3-4, 2012

The multidisciplinary international summer school on voice research will consist of hands-on workshops. It will concern experimental and numerical modelling, acquisition of laryngeal material parameters, quantitative high speed imaging techniques, EGG, etc.

For more information visit our webpage

www.icvvpb2012.de



ERLANGEN
GERMANY

Scope

The **conference** will focus especially on studies related to the "Voice Source Analysis" to promote a wide spectrum of research on phonation-related transglottal airflow and vocal fold vibration.

It will provide a forum for the presentation and discussion of current and prospective scientific research on the larynx and voice. The emphasis of this conference will be on basic and applied research rather than clinical treatment studies. Topics:

Acoustics, Aerodynamics, Anatomy, Bioacoustics, Biomechanics, Laryngeal Pathologies, Modeling, Molecular & Cellular Biology, Neurobiology, Neurophysiology, Physics, Physiology, Tissue Engineering

The preceding **summer school** for Ph.D. students and post docs as well as senior researchers will offer mainly hands-on workshops concerning the following themes :

- **F. Alipour (USA), G. Luegmair (GER):**
How to perform excised larynx experiments
- **M. Stingl (GER), A. Sutor (GER):**
Material and mechanical properties of vocal folds (experimental and numerical approaches)
- **S. Becker (GER), S. Kniesburges (GER), S. L. Thomson (USA)**
Experiments with synthetic vocal fold models (air driven)
- **M. Kaltenbacher (AU), S. Zörner (AU), L. G. Mongeau (CAN)**
Numerical simulations of vocal fold dynamics
- **N. Henrich (FRA)**
Glottal contact and vocal-tract resonances in phonation: measurements and analysis
- **I. R. Titze (USA)**
Source-filter interaction and how to model it
- **R. Patel (USA), J. Svec (CZ)**
Endoscopic High Speed Videos and high speed videokymography: application and analysis
- **R. C. Scherer (USA), C. Brücker (GER)**
 - *Pressure distributions on the two sides of the glottis*
 - *Pressure flow analysis (experimental approach, water model)*
- **M. Kob (Ger)**
Analysis and synthesis of the singing voice: extraction of voice parameters from VRP, EGG and microphone recordings, simulation of vocal fold oscillation with a multiple-mass model
- **A. Ziethe (Ger), S. Weiss (GER)**
Workshop for women

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Important Dates

Abstract submission deadline for ICVPB 2012:	01.02.2012
Notification of acceptance for ICVPB 2012:	01.03.2012
Registration deadline for ICVPB 2012 and workshops:	01.05.2012
Early registration for ICVPB 2012 and workshops until:	30.03.2012

Conference fees:
(incl. lunch and coffee break)

	Early Bird (until March 1, 2012)	Regular (from April 1, 2012)
Students (Identity card)	70,00 €	100,00 €
Non-students	200,00€	250,00 €
Workshops (incl. Coffee breaks)		20,00 € Free for students (Identity card)
Galadinner		70,00 €

Conference Venue

Hotel **NOVOTEL**

Hofmannstr. 34, D 91052 Erlangen, Germany

<http://www.novotel.com/gb/hotel-5376-novotel-erlangen/index.shtml>

Special prices are available for your stay. No online booking possible (only by phone/email).

Code: ICVPB2012

Summer school:

University of Erlangen-Nuremberg

<http://www.uni-erlangen.org/>

Contact information

For additional information on registration, program, summer school, accomodation or social program please refer to the conference webpage or contact our local conference secretariat:

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For more information, visit www.icvpb2012.de

