



The Jan Gauffin Memorial Symposium

October 16, 2008
08.30 – 17.00

Jan Gauffin passed away in January this year. He was a great person and an ingenious experimenter, researcher, and technician with wide horizons that embraced language learning, acoustics, and analysis and synthesis of speech and voice, art and music. At the same time, he was completely uninterested in blowing his own horn and making PR for his methods and results.

We who had the privilege of working with him have therefore decided to arrange the **Jan Gauffin Memorial Symposium** as a way of honoring his memory. This symposium will focus on research related to Jan's main areas of interest, voice source analysis, laryngeal function, language learning, speech training, to name a few.

The symposium will take place in *FANTUM*, at the Department of Speech Music Hearing, KTH on Thursday, October 16, 2008, 08.30 – 17.00. It is a satellite meeting of the conference **Advances in Quantitative Laryngology** (<http://www.jowi.nu/aql/start.htm>) that will be held at the Karolinska University Hospital Huddinge on the following two days.

We warmly invite you to honor Jan's memory by attending this symposium. The program is attached below. You are also cordially invited to the conference dinner at KTH after the conference which will cost about 300 SEK (number of seats limited).

Please let us know, at your earliest convenience, by an email to pjohan@speech.kth.se, if you are able to come.

Britta Hammarberg
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Stellan Hertegård
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Sten Ternström
Johan Sundberg
Professors, Music Acoustics
KTH, Stockholm

Supported by



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PROGRAMME

- 08.30 Registration and coffee
- 09.00 Opening: **Björn Lindblom**, Chair
- 09.15 **Osamu Fujimura, Hideki Kawahara and Catita Williams**, Kanagawa, Japan *The Japanese Noh voice quality.*
- 09.45 **Bob Hillman**, Boston, USA
Novel approaches for improving electrolarynx speech
- 10.15 **Martin Rothenberg**, Syracuse, New York, USA
The Rise and Fall of Voice Onset Time
- 10.45 **COFFEE**
- 11.15 **Roger Chan**, Dallas, Texas USA
Constitutive models of the vocal fold lamina propria - Implications for fundamental frequency regulation
- 11.45 **Satoshi Imaizumi**, Japan,
Voice as a tool communicating intentions: for the memories of Jan
- 12.15 **LUNCH**
- 13.15 **Paavo Alku**, Helsinki
Improving inverse filtering analysis of the voice source with mathematical constraints in modeling of the vocal tract.
- 13.45 **Erik Borg**, Örebro
On the problem of listening while talking
- 14.15 **Maria Södersten**, Karolinska University Hospital Huddinge
Effects of vocal loading and voice rest in five patients with vocal nodules, acoustic data and self-ratings of strain.
- 14.30 **Stellan Hertegård, Hans Larsson** Karolinska University Hospital Huddinge *Methods to study vocal fold elasticity*
- 14.45 **Johan Sundberg, Laura Enflo**, KTH
Phonation and collision threshold pressures before and after vocal warmup
- 15.00 **COFFEE**
- 15.30 **Björn Lindblom**, Stockholm University
Aryepiglottic sphincter – Some phonetic evidence
- 15.45 **Sten Ternström, Svante Granqvist**, KTH
Voice analysis on computers - from the early days to the future
- 16.00 **Britta Hammarberg**, Karolinska University Hospital Huddinge
Jan – A source of bright ideas and smart solutions in voice research
- 16.15 Video Greeting from **Wayne Slawson**, Davis, CA
- 18.00 **CONFERENCE DINNER**