

## Participation in Conferences 2002

**STAF-konferens. Trollhättan, Sweden, March 13-15, 2002**

Leijon A. Ett sätt att illustrera vad olinjära hörapparater gör.

**International Society of Audiology, Melbourne, Australia, March 17-22, 2002**

Smeds K, Grant F, Keidser G, Dillon H, Brew C & Zakis J. Is normalisation of overall loudness an appropriate goal for hearing aid prescription? Preliminary results.

**Speech Prosody 2002 Conference, Aix-en-Provence: Laboratoire Parole et Langage, April 11-13, 2002**

Granström B, House D & Swerts MG.

Multimodal feedback cues in human-machine interactions.

Gustafson-Capkova S & Megyesi B. Silence and discourse context in read speech and dialogues in Swedish.

**Ingemansson's vårkonsert, Stockholm, April 18, 2002**

Sundberg J. En titt i sångarstrupar med akustiska glasögon.

**Sångsvanen lyfter VI, Kgl Musikhögskolan, Stockholm, April 19, 2002**

Sundberg J. Konsten att sjunga fult och vackert.

**Röstfrämjandets årsmöte, Stockholm, April 20-21, 2002**

Sundberg J, Granqvist S, Hertegård S, Larsson H. Glottiskällan och flödet.

**Réunion pédagogique de printemps, French association of singing teachers, Paris, May 4-5, 2002**

Sundberg J. Secrets of a very ugly voice (Invited paper).

**ICASSP 02, IEEE International Conference on Acoustic Speech Signal Processing, Orlando, Florida, USA, May 13-17, 2002**

Backstrom T, Alku P & Kleijn WB. A time-domain reformulation of linear prediction equivalent to the LSP decomposition.

Jefremov A & Kleijn WB. Spline-based continuous-time pitch estimation.

Kim MY & Kleijn WB. KLT-based classified VQ for the speech signal.

Nilsson M, Gustafsson H, Andersen SV & Kleijn WB. Gaussian Mixture Model based Mutual Information estimation between Frequency Bands in Speech.

Vafin R & Kleijn WB. Entropy-constrained polar quantization: Theory and an application to audio coding.

**STOMPS (Stockholm Music Performance Symposium), Stockholm, May 17-18, 2002**

Sundberg J, Bresin R, Friberg A. DM versus real pianist: Performance of 20 bars of W A Mozart's K 332 Adagio. Comparison and comments.

**Fonetik 2002, Fysikcentrum, Stockholm, May 29-31, 2002**

Beskow J, Granström B & Spens K-E.

Articulation strength - Readability experiments with a synthetic talking face.

Carlson R, Sjölander A & Sigvardson T. Data-driven formant synthesis.

Carlson R, Granström B, Heldner M, House D, Megyesi B, Strangert E & Swerts M.

Boundaries and groupings - the structuring of speech in different communicative situations: a description of the GROG project.

Cerrato L (2002). Some characteristics of feedback expressions in Swedish.

Fant G, Kruckenberg A, Gustafson K & Liljencrants J. A new approach to intonation analysis and synthesis of Swedish.

Fant G, Kruckenberg A, Gustafson K, Liljencrants J & Botinis A. Individual variations in prominence correlates. Some observations from "lab-speech".

Granström B, Karlsson I & Spens K-E (2002).  
SYNFACE - a project presentation.

Johansson M, Blomberg M, Elenius K, Hoffsten  
L-E & Torberger A. Phoneme recognition for  
the hearing impaired.

Öster A-M, House D, Protopapas A & Hatzis. A  
presentation of a new EU project for speech  
therapy: OLP (Ortho-Logo-Paedia).

**31st Annual Symposium Care of the  
Professional Voice, Philadelphia, USA, June  
5-9, 2002**

Cleveland T, Sundberg J, Stone RE, Prokop J.  
Aerodynamic and acoustical measures of  
speech, operatic, and Broadway styles in a  
professional female singer.

Ternström S, Södersten M & Bohman M.  
Phonatory behavior at high levels of vocal  
effort.

**AAMAS02 Workshop, Bologna, Italy, June 5-  
9, 2002**

Cerrato L & Ekeklint S. Different ways of  
ending human-machine interactions.

**Sounding Objects Research Atelier, Mestre,  
Italien, June 14, 2002**

Hansen KF. Konsert med DJ 1210 Jazz och  
scratchmodellen.

**ISCA Workshop on Multi-Modal Dialogue in  
Mobile Environments, Kloster, Irsee,  
Germany, June 17-21, 2002**

Edlund J & Nordstrand M. Turn-taking gestures  
and hour-glasses in a multi-modal dialogue  
system.

Edlund J, Beskow J and Nordstrand M. GESOM  
- A model for describing and generating multi-  
modal output

Gustafson J, Bell L, Boye J, Edlund J & Wiren  
M. Constraint manipulation and visualization  
in a multimodal dialogue system.

Pakucs B. VoiceXML-based dynamic plug and  
play dialogue management for mobile  
environments.

**ICAD 2002, RENCON Workshop -  
performance REnDerIng piano CONtest,  
Kyoto, Japan, July 6, 2002**

Bresin R. Importance of note-level control in  
automatic music performance.

Bresin R, Friberg A & Sundberg J. Director  
Musices: The KTH performance rules system.

**ACL'02, SIGLEX Workshop on Unsuper-  
vised Lexical Acquisition, Univ Pennsylvania,  
USA, July 6-12, 2002**

Rydin S. Building a hyponymy lexicon with  
hierarchical structure.

**SIGMUS-46, Kyoto, Japan, July 7, 2002**

Bresin R, Friberg A & Sundberg J. Director  
musices: The KTH performance rules system.

**ICMPC7 - 7th International Conference on  
Music Perception & Cognition, Sydney, July  
17-21, 2002**

Bresin R. Color feedback in expressive music  
performance.

Bresin R & Nettheim N. Displaying the  
expressive parameters of music performance.

Friberg A, Schoonderwaldt E, Juslin PN &  
Bresin R. Automatic extraction of expressive  
cues for cognitive feedback.

Juslin PN, Friberg A & Bresin R. Computational  
modelling of different aspects of expressivity:  
The GERM model.

Laukka P, Bresin R & Lindström E. The  
teacher's perspective on expression in music  
performance: Preliminary evidence from  
music conservatories.

Lindström E, Juslin PN, Bresin R & Williamon  
A. Students' views on expressivity in music  
performance: A questionnaire study.

**Baltic-Nordic Acoustical Meeting, Copen-  
hagen, Denmark, August 2002**

Bohman M, Ternström S & Södersten M. The  
use of channel estimation techniques for  
investigating vocal stress in noisy work  
environments.

**5th International Voice Symposium,  
Salzburg, Aug 2-4, 2002**

Abrahamsson M, Sundberg J. Subglottal  
pressure behaviour in professional acting for a  
large auditorium.

Sundberg J. Learning voice acoustics by new  
mean. (Keynote speech).

**ISAAC 2002, 10th Biennial Conference of the  
International Society for Augmentative and  
Alternative Communication Odense,  
Denmark Aug 10-15, 2002.**

Hunnicut S & Magnuson T. Sentences for  
symbol users: email and echat. (Poster).

**NORDTALK Summerschool in "Using spoken language corpora", Göteborg, Aug 19-24, 2002.**

Cerrato L. Looking for feedback expressions in spoken corpora.

**IHCON 2002. International Hearing Aid Research Conference. Lake Tahoe, USA, Aug 21-25, 2002**

Nordqvist P & Leijon A. Characterising the dynamic behaviour of advanced hearing instruments in real-life environments. (Poster).

Smeds K, Keidser G, Dillon H, Grant F, Convery E & Zakis J. Is normalisation of overall loudness an appropriate goal for hearing aid prescription?

**EUSIPCO 2002, Toulouse, France, Sept 3-6, 2002**

Chollet G, Faundez-Zanuy M, Kleijn B, Kubin G, McLaughlin S & Petek B. Future work in COST action 277 on nonlinear speech processing.

Faundez-Zanuy M, Nilsson M & Kleijn WB. On the relevance of bandwidth extension for speaker identification.

**AIMSA 2002, 10th International Conference, Varna, Bulgaria, Sept 4-6, 2002**

House D & Granström B. Multimodal speech synthesis: Improving information flow in dialogue systems using 3D talking heads.

**32nd International Acoustical Conference, EAA Symposium, Acoustics Banska Stiavnica, Slovakia, Sept 10-12, 2002**

Jansson E & Molin N-E. Fundamental violin acoustics related to quality. (Invited lecturer).

**ICSLP 2002, International Conference on Spoken Language Processing, Denver, Colorado, USA, Sept 17-20, 2002**

Beskow J, Edlund J & Nordstrand M. Specification and realisation of multimodal output in dialogue systems.

Cerrato L. A comparison between feedback strategies in human-to human and human-machine communication.

Elenius D & Blomberg M. Characteristics of a low reject mode speaker verification system.

Engwall O. Evaluation of a system for concatenative articulatory visual speech synthesis.

Faundez-Zanuy M, Nilsson M & Kleijn WB. On the relevance of bandwidth extension for speaker verification.

Gustafson J & Sjölander K. Voice transformations for improving children's speech recognition in a publicly available dialogue system.

Hincks R. Speech synthesis for teaching lexical stress.

House D. Intonational and visual cues in the perception of interrogative mode in Swedish.

Johansson M, Blomberg M, Elenius K, Hoffsten L-E & Torberger A. A phoneme recognizer for the hearing impaired.

Karneback S. Expanded examinations of a low frequency modulation feature for speech/music discrimination.

Megyesi B & Gustafson-Capkova S. Production and perception of pauses and their linguistic context in read and spontaneous speech in Swedish.

Skantze G. Coordination of referring expressions in multimodal human-computer dialogue.

**IEEE Workshop on Speech Synthesis, Santa Monica, USA, Sept 11-13, 2002**

Kleijn WB & Talkin D. Compact speech representations for speech synthesis.

**ICMC 2002, International Computer Music Conference, Göteborg, Sept 18-21, 2002**

Friberg A, Schoonderwaldt E, Juslin PN & Bresin R. Automatic real-time extraction of musical expression.

Sundberg J. Grouping and differentiation in music performance (Keynote speech).

**Symposium om Musik och Livskvalitet, Kulturhuset Ytterjärna, Sept 20, 2002**

Sundberg J. Människoröstens hemligheter.

**Spelplan Stockholm, Kulturhuset, Stockholm, Sept 27-29, 2002**

Hansen KF & Friberg A. Virtual Scratches/ Moving Grooves. Konsert med DJ 1210 Jazz, i samarbete med projektet MEGA och Ambra Succi från Bounce.

Hansen KF & DJ 1210 Jazz. Virtuellt scratching: Presentation, demonstration och prova på att scratcha utan skivspelare.

Friberg A mfl, TMH, och Ambra Succi från Bounce. Groove Machine: Presentation, demonstration och prova på att spela hiphop grooves med dansrörelser.

Sundberg J. Konsten att andas musik  
Sundberg J. Orgeln inifrån

**PAS, 1st International Conference on the Physiology and Acoustics of Singing, Groningen, the Netherlands, Oct 3-5, 2002**

Sundberg J. A rear-view-mirror look at my research on the singing voice. (Invited paper).  
Ternström S. Applications of the analysis-by-synthesis paradigm in choir and voice acoustics research.

**4. Stuttgarter Stimmtagung, Stuttgart, Germany, Oct 3-6, 2002**

Sundberg J. Der menschliche Stimmausdruck - messbar oder nicht? (Invited paper).

**IEEE Workshop on Speech Coding, Tsukuba, Japan, Oct 6-9, 2002**

Andersen SV, Kleijn BW, Hagen R, Linden J, Murthi MN & Skoglund J. iLBC - A linear predictive coder with robustness to packet losses.

Kim MY & Kleijn WB. KLT-based classified VQ with companding.

Kleijn WB. Enhancement of coded speech by constrained optimization.

**ID-dagarna, Sollentunamässan, Oct 16, 2002**

Öster A-M. Datoriserad uttalsträning för hörselskadade och talförsenade barn 4-10 år.

**SKIRA-mötet i Umeå, Oct 22, 2002**

Öster A-M. Röst och talträning med audiovisuell återkoppling.

**6th International Scientific Conference Research in Education and Rehabilitation Sciences, Zagreb, Oct 23-25, 2002**

Sundberg J. Breathing and phonation. A review of some recent investigations (Invited paper).

**The Neurosciences and Music. Mutual interactions and implications on developmental functions. Fondazione Pierfranco e Luisa Mariani, Venice, San Servolo Island, Oct 25-27, 2002**

Dahl S & Granqvist S. A new method for estimating internal drift and just noticeable difference in perception of continuous tempo drift. (Poster).

**NTSMB's, Netværk for Tværvideenskabelige Studier af Musik og Betydning, 3:e årsmöte/konferens, Odense, Nov 14, 2002**

Hansen KF. Foredrag (demonstration och presentation) under festivalen.

**Swedish Treebank Symposium, Växjö University, Sweden, Nov 28-29, 2002**

Megyesi B & Carlson R. Data-driven methods for building a Swedish treebank.

**First Pan-American/Iberian Meeting on Acoustics. Cancun, Mexico, Dec 2-6, 2002**

Cerrato L & Skhiri M. Quantifying non-verbal communicative behaviour in face-to-face human dialogues. Abstract with poster.

**NORDTALK Symposium on Relations between Utterances, Copenhagen, Denmark, Dec 5-7, 2002**

Cerrato L. A study of verbal feedback in Italian.