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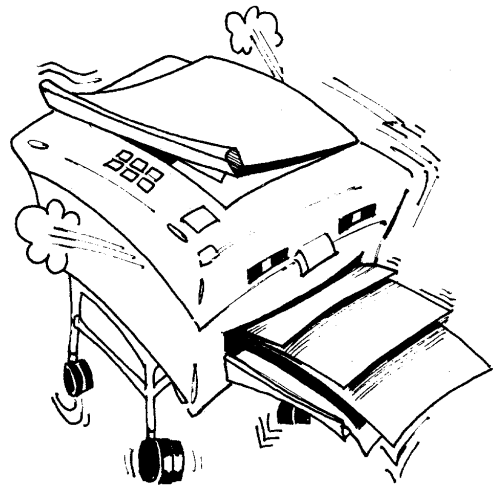
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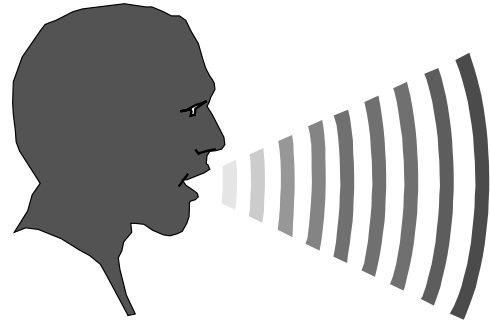
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## KACOR

**Kineto-Auditory Co mmunication  
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## Guest researchers and temporary associates in 2000

Bretos Linaza, José, Doctor  
Public Univ. of Navarra, Spain,  
Sept 18 - Oct 25, 2000

Cook, Birgit  
Senior Speech and Hearing Therapist  
HRF, Stockholm

Elliot, Ninni, Professor  
Stockholms Musikpedagogiska Institut

Erickson, Mary (Molly), PhD,  
Dept of Audiology & Speech Pathology,  
Univ. of Tennessee at Knoxville, USA,  
Aug. 8 - Dec. 31, 2000

Falkenberg Hansen, Kjetil  
Norwegian Univ. of Science and Technology,  
Trondheim,  
Aug. 1, 2000 -

Galembo, Alexander, PhD.  
Russian Academy of Sciences, St Petersburg,  
Russia,  
July-Oct. 2000

Hammarberg, Britta, Professor  
Dept of Logopedics & Phoniatics, Huddinge  
Univ Hospital

Heldner, Mattias, PhD student  
Dept of Phonetics, Umeå University,  
Aug. 1, 1998 -

Heusdens, Richard, Dr.ir  
Information and Communication theory,  
Delft University of Technology,  
April 16 – May 13, 2000

Hoffsten, Lars-Erik  
Polycom Technologies AB, Stockholm,  
Aug. 2000 - June 2001

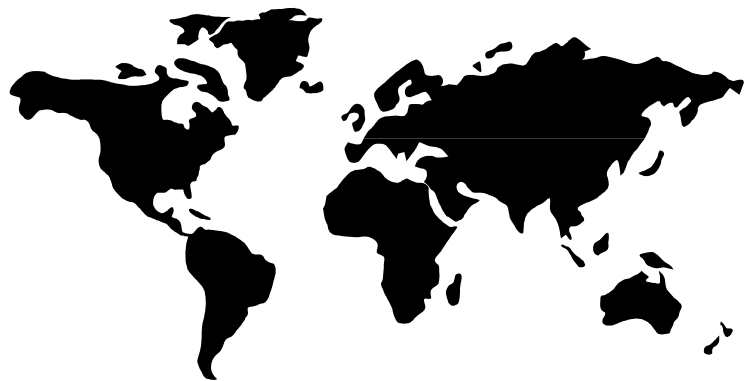
Hohmann, Volker, Doctor  
Medical Physics Group, Univ. of Oldenburg,  
Germany,  
Sept 3-17, 2000

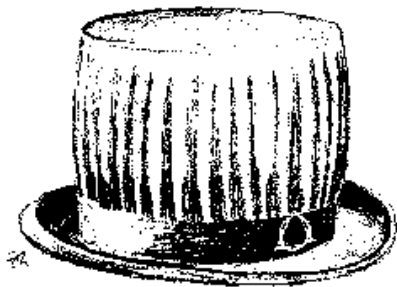
Kong, Jiangping  
Associate Professor, Dept of Phonetics and  
Computational Linguistics,  
Chinese Academy of Sciences, Beijing,  
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Köbler, Susanne  
Department of Audiology, Karolinska Hospital,  
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Dec 1995 -

Nozadze, Lela, MSc  
Techn. Univ., Faculty of Computer Science,  
Tbilisi, Georgia,  
Oct. 1999 -

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Faculteit der Bewegingswetenschappen, VU  
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Dec 2000 - June 2001





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Talbot, Nathalie  
Thomasson, E Monica  
Vafin, Renat  
Vos, Koen  
Öster, Anne-Marie

## Doctoral thesis

Bresin R. *Virtual Virtuosity. Studies in Automatic Music Performance*. December 2000, TMH, KTH. TRITA-TMH 2000:9; ISSN 1104-5787; ISBN 91-7170-643-7.

Lindberg J (2000). *Speech technology for secure transactions. Three aspects of speaker network*. October 2000. TMH, KTH. TRITA-TMH 2000:6, ISSN 1104-5787, ISRN KTH/TMH/FR--00/6--SE.

## Licentiate theses

Bell L (2000). *Linguistic adaptations in spoken and multimodal dialogue systems*. December 2000, TMH, KTH, Stockholm. TRITA-TMH 2000:11; ISSN 1104-5787; ISBN 91-7283-009-3.

Prame E (2000). *Vibrato and intonation in classical singing*. December 2000, TMH, KTH, Stockholm. TRITA-TMH 2000:10; ISSN 1104-5787; ISBN 91-7283-001-8.

Granqvist S (2000). *Computer methods for perceptual, acoustic and laryngoscopic voice analysis*. December 2000, TMH, KTH, Stockholm. TRITA-TMH 2000:12; ISSN 1104-5787; ISBN 91-7283-013-1.

Smeds K (2000). *Cochlear hearing loss and evaluation of prescriptive methods for non-linear hearing aids*. October, 2000, TMH, KTH, Stockholm. TRITA-TMH 2000:7, ISSN 1104-5787, ISBN 91-7170-634-8.

Öhman T (2000). *Vision in speech technology. Automatic measurements of visual speech and audiovisual intelligibility of synthetic and natural faces*. January 2000, TMH, KTH, Stockholm. TRITA-TMH 1999:5, ISSN 1104-5787, ISRN KTH/TMH/FR--99/5--SE.

## Master project students

Bergman, Jan  
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 Holm, Jakob  
 Jande, PerAnders  
 Johansson, Mattias  
 Martin Leung, Barbara

Nordstrand, Magnus  
 Olburs, Caroline  
 Perez, Javier  
 Rimbe, Andreas  
 Salin, Mikael  
 Skeppstedt, Maria  
 Soltan, Adam  
 Ånstrand, Mattias

## Master projects completed in 2000

*Aracena Kovacevic, Mauricio Andres:* Reverse water-filling in wideband speech coding.

*Bertrand, Frédéric:* Application of digital waveguides in piano modelling: the influence of inharmonicity on pitch.

*Bidault, Vincent:* Just-noticeable differences of phase distortion in speech-like signals.

*Bjurenstedt, Linda:* Improving Prophet – the trials and tribulations of word prediction.

*Delachanal, Christophe:* Low bit rate high quality audio coding with combined harmonic and wavelet representations. User Manual.

*Donselius, Richard:* Concatenative text-to-speech synthesis using optimal coupling techniques.

*Engdegård, Jonas:* Signal processing for a real-time phonetograph.

*Fahlstedt, Ellinor & Morell, Anja:* Det sub-glottala tryckets inverkan på normalröstkällan vid konstant grundtönsfrekvens.

*Gustafsson, Ylva:* Hidden Markov Models with applications in speaker verification.

*Hewitt, Joe:* Improving Prophet – the trials and tribulations of word prediction.

*Holm, Jacob:* Multi-microphone conference systems - Changes in speech intelligibility as a function of the source-microphone distance.

*Ihse, Magnus:* Usability study of a speech controlled telephone banking system.

*Jefremov, Andrei:* Modeling the phase of the pitch cycle in harmonic coding of speech.

*Kahlin, Daniel:* Analysis and simulation of ensemble sounds.



*Laksov, Joakim:* Datadriven semantisk gruppering.

*Lundahl, Karin:* Swedish company names. A survey and an evaluation of rule-based automatic transcription.

*Manzano, Paco:* Single channel noise reduction techniques in speech enhancement.

*Pain, Guillaume.* Optimal coupling of diphones for concatenative text-to-speech systems.

*Ribas Ripoll, Vicente:* Signal processing for a text-to-speech synthesizer with waveform interpolation.

*Roland, Julien:* Swedish vowel quantity in L2 speakers – Evaluation by manual and automatic methods.

*Skantze, Gabriel:* Koordinering av refererande uttryck i multimodal människa-datordialog.

*Skedinger, Carl:* Implementation and evaluation of a real-time method for measurement of perceived audio quality.

*Öhrn, Jonas:* The PARDAC. A sound playback board for the computer parallel port.

