

People at TMH



Administration

Askenfelt, Anders, Prefect
Leijon, Arne, Proprefect
Carlson, Rolf, Director of graduate studies
Ternström, Sten, Director, undergraduate studies
Bergling, Caroline, Finance manager
Dunger, Cathrin, Secretary, publications & documentation
Haapakorpi, Markku, Technical and operational manager
Horney, Niclas, System manager

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Speech group

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Elenius, Kjell, PhD
Elenius, Daniel, MSc
Engwall, Olov, PhD
Fant, Gunnar, Professor emeritus
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Hincks, Rebecca, MA
Hjalmarsson, Anna, MSc
House, David, PhD, Associate professor
Hunnicut, Sheri, PhD, Associate professor
Jande, Per-Anders, MSc
Karlsson, Inger, PhD
Kruckenberg, Anita, PhD
Magnuson, Tina, Speech pathologist
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jande@speech.kth.se
inger@speech.kth.se
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Music group

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Hearing group

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Guest researchers and temporary associates 2003

Berthelsen, Harald, MA	Babel Infovox AB
Björkner, Eva	Lab of Acoustics & Audio Signal Proc., Helsinki Univ.
Bonada, Jordi	Music Technology Group, Univ Pompeu Fabra, Spain, June 1 – Aug. 31
Durup, Francois	ENSTIB, Ecole nationale supérieure des technologies et industries du bois, Université Poincaré, Nancy, France, June 16 – Sept 16
Galembo, Alexander	Russian Acad of Sciences, St Petersburg, Russia, July 2000 – Aug 2003
Gauffin, Lina	Hjälpmiddelsinstitutet, Stockholm, Nov 11, 2002 -
Giordano, Bruno	Univ of Padova, Dept of General Psychology, July 28–Jan. 31, 2004
Gomez, Emilia	Music Technology Group, Univ Pompeu Fabra, Spain, April 1 – Aug. 9
Grell, Anke	Inst für Musikphysiologie u. Musikermedizin, Hannover, Febr 1 – Aug 9
Hammarberg, Britta	Prof, Dept of Logopedics & Phoniatics, Huddinge Univ Hospital
Lehto, Laura	University of Helsinki, Finland, May 5 – Aug 25
Lyberg, Bertil	Telia Research, Stockholm
Minematsu, Nobuaki	University of Tokyo, Japan, Oct 1, 2002 – Sept 30
Murphy, Damaian	University of York, Dept of Electronics, UK, Nov 3-18
Nozadze, Lela	Techn. Univ., Faculty of Computer Science, Tblisi, Georgia, Oct. 1999 –
Rath, Matthias	Univ di Verona, Dept di Informatica, Italy, March 10 – Nov 15
Roers, Friederike	Medizinische Fakultät, Technische Univ, Dresden, Jan 3 – April 30
Trestino, Cosmo	Univ degli Studi di Padova, Information Engineering, Aug 4 – 31, 2003

Doctoral students

Björkner, Eva
Cerrato, Loredana
Dahl, Sofia
Dahlquist, Martin
Elenius, Daniel
Hansen, Kjetil F
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Högberg, Jesper
Jande, Per-Anders

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Lindberg, Johan
Magnusson, Tina
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Salvi, Giampiero
Schoonderwaldt, Erwin
Sjölander, Kåre
Skantze, Gabriel
Smeds, Karolina
Öster, Anne-Marie

Dissertations

Bell L. *Linguistic adaptations in spoken human-computer dialogues. Empirical studies of user behavior.* Department of Speech, Music and Hearing, KTH, Stockholm, October 3, 2003. ISBN 91-7283-579-6.

Beskow J. *Talking heads - models and applications for multimodal speech synthesis.* Department of Speech, Music and Hearing, KTH, Stockholm. June 3, 2003.
<http://www.speech.kth.se/~beskow/thesis>. ISBN 91-7283-536-2.

Gobl C. *The voice source in speech communication. Production and perception experiments involving inverse filtering and synthesis.* Department of Speech, Music and Hearing, KTH, Stockholm. December 12, 2003. ISBN 91-7283-630-X.

Granqvist S (2003). *Computer methods for voice analysis.* Department of Speech, Music

and Hearing, KTH, Stockholm. March 28, 2003. ISBN 91-7283-461-7.

Seward A. *Efficient methods for automatic speech recognition.* Department of Speech, Music and Hearing, KTH, Stockholm. December 17, 2003. ISBN 91-7283-657-1.

Thomason M. *From Air to Aria. Relevance of respiratory behaviour to voice function in classical western vocal art.* Department of Speech, Music and Hearing, KTH, Stockholm. May 16, 2003. ISBN 91-628-5703-7.

Licentiate thesis

Dahl S. *Striking movements: movement strategies and expression in percussive playing.* Department of Speech, Music and Hearing, KTH, Stockholm. May 9, 2003. ISBN 9-7283-480

Master project students

Bjurling, Malin
Björkenstam, Tomas
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Ek, Kristina
Englund, Christine
Fahlstedt, Ellinor
Huber, Martina

Huhta, Sanna
Kalla, Ulf
Lukic, Boris
Måhl, Lena
Nilsson, Mattias
Nilsson, Torbjörn
Norberg, Linda
Olsson, Patrik

Rosenberg, Sofia
Schiöld, Anders
Skantze, Daniel
Soltan, Adam
Tena, Miguel
Touboul, Emmanuel
Vinet, Romain
Öhlin, David

Master projects

Andersson Magnus

En utvärdering av kommersiella taligenkänningssystemens känslighet för brus

Angelidis Jan

Vidareutveckling av Hörstöd-applikationen

Björnemo Claes

Kliniska testmetoder för spektro-temporal diskrimination hos brukare av cochlea implantat

Engström Charlotta

Artikulatorisk analys av svenska visem

Ericsson Christina

Predicering av prosodiska frasgränser för talsyntes

Gyllensvärd Per

Röststyrning på bilbesiktningen?

Jerkert Jesper

Measurements and models of musical articulation

Johansson Clas

Adaptiv filtrering av bullrig omgivningsmiljö, en fallstudie

Lindblom Tony

Textoberoende talarverifiering med användning av en hybrid mellan Support Vector Machines och Gaussian Mixture Models

Lundgren Stefan

Atlas talsyntesbrygga med (J)SAPI stöd testad med Babel-Infovox BrightSpeech

Molander Marie

Experiment med asynkroni i multimodal talkommunikation

Nilsson Magnus

Att mäta gitarrkvalitet - fysikaliska mätningar och ett lyssningstest

Nordenberg Mikael

Dynamisk generering av rynkor i ett virtuellt ansikte

Pihl Erik

Flaskhalsar i Synfacetelefonen

Richter Andreas

Model prediction of spectro-temporal discrimination in cochlear implant users

Sjöberg Gustaf

Dialektberoende modellering för svensk taligenkänning

Stadler Svante

Mätning av psykoakustisk informationsöverföringstakt

Svanfeldt Gunilla

Röststyrt gränssnitt för planering inom ortopedisk kirurgi

Terling Samuel

A generic software synthesizer using additive synthesis

Vestergren Karl

Javaverktyg för interaktivt och uttrycksfullt musikframförande med mobiltelefoner. Teori och realisering.