

# THE SPEECH INSTITUTE

*an innovative, independent research and educational environment for the 21st century*

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## **Researchers Potentially Affiliated with SpIn**

Avendano, Carlos (Davis, USA) - Signal Processing, Speech Coding, ASR  
Balaban, Evan (Neurosciences Institute, USA) - Neuroscience, Biology  
Berthold, Michael (ICSI, UC-Berkeley, USA) - Fuzzy Systems, Neural Networks  
Edwards, Brent (ReSound, USA) - Psychoacoustics, Hearing Aids  
Grant, Ken (Walter Reed, USA) - Audio/Visual Integration, Perception, hearing Impairment  
Greenberg, Steven (ICSI, USA) - Speech Perception, Auditory Models, ASR, Phonetics  
Grønnum, Nina (Copenhagen, DK) - Phonetics, Prosody, Synthesis  
Heil, Peter (Madgeberg, GER) - Auditory Physiology and Modeling  
Magilen, Gil (Vallejo Hearing Aid Center, USA) - Hearing Impairment, Protheses  
Ramsey, Gordon (Grenoble, FR) - Speech modeling, Speech Production  
Schiel, Florian (Munich, GER) - Speech Analysis, ASR, Linguistic Corpora  
Shastri, Lokendra (ICSI, USA) - Neural Networks, Learning Theory, ASR  
Silipo, Rosaria (ICSI, USA) - Neural Networks, Perception, Prosody  
Slaney, Malcolm (Interval Research, USA) - Auditory Models, Signal Processing, ASR  
Wright, Beverly (Northwestern, USA) - Psychoacoustics, Perceptual Learning, Learning Disabilities

These individuals have expressed **potential** interest in being associated with the Speech Institute, without necessarily being a future employee of the Institute.

**Please do not circulate information contained in this document.**

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## **Potential Scientific Network**

Allen, Jont (AT&T, USA)	Lee, Chin-Hui (Lucent, USA)
Alwan, Abeer (UCLA, USA)	Levitt, Harry (CUNY, USA)
Arai, Takayuki (Sophia, JAP)	Lindblom, Bjorn (Texas, USA)
Assmann, Peter (Texas, USA)	Lyon, Dick (Fovionics, USA)
Atal, Bishnu (AT&T, USA)	Macon, Michael (OGI, USA)
Atlas, Les (Washington, USA)	Meddis, Ray (Essex, UK).
Bilmes, Jeff (Washington, USA)	Meyer, Georg (Keele, UK)
Blauert, Jens (Bochum, GER)	Moore, Roger (Malvern, UK)
Bourlard, Herve (IDIAP, CH)	Morgan, Nelson (ICSI, USA)
Campbell, Nick (ATR, JAP)	Nadeu, Climent (Barcelona, SP)
Cariani, Peter (Harvard, USA)	Ostendorf, Mari (Washington, USA)
Carlson, Rolf (KTH, SW)	Patterson, Roy (Cambridge, UK)
Carre, Rene (INST, FR)	Pavel, Misha (OGI, USA)
Cheveigne, Alain de (Paris V, FR)	Poeppel, David (Maryland, USA)
Clark, Graeme (Melbourne, AUS)	Pols, Louis (Amsterdam, NL)
Cohen, Jordan (Dragon, USA)	Price, Patti (SRI, PPrice, USA)
Cooke, Martin (Sheffield, UK)	Rahim, Mazin (AT&T, USA)
Delgutte, Bertrand (Harvard, USA)	Renals, Steve (Sheffield, UK)
Deng, Li (Microsoft, USA)	Rikimaru, Hiroshi (Dendosha, JAP)
Diehl, Randy (Texas, USA)	Riley, Michael (AT&T, USA)
Divenyi, Pierre (Martinez, USA)	Roberts, Tim (UCSF, USA)
Faulkner, Andrew (UCL, UK)	Sachs, Murray (Johns Hopkins, USA)
Flanagan, James (Rutgers, USA)	Santen, Jan van (OGI, as of 1/2000, USA)
Flege, James (Alabama, USA)	Schreiner, Christoph (UCSF, USA)
Fourcin, Andrian (UCL, UK)	Shannon, Robert (House Ear Inst., USA)
Furui, Sadaoki (TIT, JAP)	Shamma, Shihab (Maryland, USA)
Ghitza, Oded (Lucent, USA)	Shriberg, Liz (SRI, USA)
Gold, Ben (Lincoln Labs, USA)	Slaney, Malcolm (Interval, USA)
Granstrom, Bjorn (KTH, SW)	Steeneken, Hermann (TNO, NL)
Green, Phil (Sheffield, UK)	Sondhi, Mohan (Lucent, USA)
Hermansky, Hynek (OGI, USA)	Stern, Rich (CMU, USA)
Jurafsky, Dan (Colorado, USA)	Stevens, Ken (MIT, USA)
Kawahara, Hideki (Wakayama/ATR, JAP)	Stolcke, Andreas (SRI, USA)
Kirchhoff, Katrin (Washington, USA)	Summerfield, Quentin (Nottinhgam, UK)
Kollmeier, Birger (Oldenburg, GER)	Todd, Neil (Manchester, UK)
Ladefoged, Peter (UCLA, USA)	Wessel, David (Berkeley, USA)
Langner, Gerald (Darmstadt, GER)	Young, Eric (Johns Hopkins, USA)

## ***Potential Scientific Network (by field)***

### **AUDITORY MODELING**

Allen, Jont  
Alwan, Abeer  
Cheveigne, Alain de  
Cohen, Jordan  
Cooke, Martin  
Deng, Li  
Kawahara, Hideki  
Kollmeier, Birger  
Langner, Gerald  
Lyon, Dick  
Meddis, Ray  
Meyer, Georg  
Patterson, Roy  
Pavel, Misha  
Shihab Shamma  
Slaney, Malcolm  
Todd, Neil

### **AUDITORY PHYSIOLOGY**

Cariani, Peter  
Dellgutte, Bertrand  
Langner, Gerald  
Rikimaru, Hiroshi  
Sachs, Murray  
Schreiner, Christoph  
Shihab Shamma  
Young, Eric

### **BRAIN IMAGING**

Poeppel, David  
Roberts, Tim

### **AUDITORY PROSTHESES**

Alwan, Abeer  
Clark, Graeme  
Divenyi, Pierre  
Faulkner, Andrew  
Fourcin, Andrian  
Kollmeier, Birger  
Shannon, Robert

### **LANGUAGE MODELING**

Bilmes, Jeff  
Carlson, Rolf  
Jurafsky, Dan  
Riley, Michael  
Stolcke, Andreas

### **PHONETICS**

Ladefoged, Peter  
Lindblom, Bjorn  
Pols, Louis  
Price, Patti  
Santen, Jan van  
Stevens, Ken

### **SPEECH PRODUCTION**

Alwan, Abeer  
Carre, Rene  
Ladefoged, Peter  
Stevens, Ken

### **SIGNAL PROCESSING**

Alwan, Abeer  
Arai, Takayuki  
Atlas, Les  
Bilmes, Jeff  
Blauert, Jens  
Flanagan, James  
Gold, Ben  
Hermansky, Hynek  
Slaney, Malcolm  
Stern, Rich  
Wessel, David

### **SPEECH CODING**

Ghitza, Oded  
Atal, Bishnu  
Flanagan, James  
Hermansky, Hynek  
Pols, Louis  
Shihab Shamma  
Steeneken, Hermann  
Stern, Rich

### **SPEECH PERCEPTION**

Alwan, Abeer  
Assmann, Peter  
Diehl, Randy  
Divenyi, Pierre  
Flege, James  
Granstrom, Bjorn  
Ladefoged, Peter  
Lindblom, Bjorn  
Stevens, Ken  
Summerfield, Quentin

### **SPEECH RECOGNITION**

Allen, Jont  
Bilmes, Jeff  
Bourlard, Herve  
Cohen, Jordan  
Deng, Li  
Furu, Sadaoki  
Ghitza, Oded  
Green, Phil  
Hermansky, Hynek  
Kirchoff, Katrin  
Lee, Chin-Hui  
Moore, Roger  
Morgan, Nelson  
Ostendorf, Mari  
Rahim, Mazin  
Renals, Steve  
Riley, Michael  
Shriberg, Liz  
Stern, Rich

### **SPEECH SYNTHESIS**

Campbell, Nick  
Macon, Michael  
Ostendorf, Mari  
Price, Patti  
Santen, Jan van