

SRI International

Researchers

Victor Abrash, Harry Bratt, John Butzburger, Mike Edgington, Horacio Franco, Ramana Rao Gadde, Christine Halverson, Luc Julia, Kristin Precoda, Elizabeth Shriberg, Andreas Stolcke, Kemal Sonmez and Fuliang Weng

Research Areas

Speech Modeling for Broadcast News (DARPA)
Large vocabulary conversational speech recognition (DoD)
Automatic Punctuation, Disfluency, and Prosody Modeling (NSF-STIMULATE)
Speaker Verification and Tracking (DoD)
Information extraction from speech (DARPA)
Spoken Language to Dialog Systems, Communicator (DARPA)
Speech Synthesis (DARPA)
Language Education and Pronunciation Scoring (government and commercial)
Human Computer Interaction (various, commercial)
Prosodic Modeling for LVCSR (pending)

Programmatic goals: (for the consortium)

Increase collaboration, student training and resource sharing among sites.

Research Philosophy

Keep working on the hard problems in speech processing.
Understand "real" speech and how to model it.
Draw on diverse research disciplines and methods for solutions.

Current, Past and Anticipated Sources of Research Funding

DARPA, NSF, DoD, commercial.

Current and Future Research Collaborations

Prosody - UW, ICSI/SpIn
Spontaneous speech - OGI, UW, SpIn
Acoustic modeling - ICSI, UW, UCLA, OGI, SpIn
Pronunciation modeling - UW, OGI, UCLA, ICSI, SpIn
Front end, endpointing - ICSI, OGI, SpIn
Synthesis - OGI, UW
Meeting transcription - ICSI, UW
Dialog modeling - ICSI, UW, OGI

Goals of Student training

Prepare students for future careers in industry or academia, by exposing them to state-of-the-art, interdisciplinary research.

Further Information

<http://www.speech.sri.com/>