IEEE SCV Signal Processing Society

Date: Feb 5th 2004
Title: Speech Technology for Computer Assisted Language Learning (CALL)
Speaker: Yoon Kim, PhD., CEO, NeoSpeech Inc

Location: Santa Clara Univ, 500 El Camino Real, Santa Clara, CA 95053, Thomas J Bannan (Engineering) Bldg (aka Eng Center) - Building 404 - Room EC 326
Time:
6:30pm: Fast Food & drinks ($1 Donation Recommended towards Refreshments)
7:00pm: Announcement
7:05pm: Talks starts

Abstract:
The evolution of advanced speech input and output technologies now allow us to explore new possibilities in automated language instruction, where the machine presents students with highly interactive lessons for acquiring a new language. This talk will provide an overview of the state-of-the-art technologies in computer assisted language learning, and introduce several real-world applications. We will also provide an industry-wide overview of how speech technologies are being used now and could be used in the future in the context of language learning applications. Demonstrations of software products and technologies focusing on automated language education will be given to illustrate the power of using speech input/output technology in solving real, specific problems.

Attendee Benefits:
1.   Up-to-date information about the range and scope of language learning software which has been successfully distributed by leading players globally.
2.   Familiarity with the current state-of-the-art in how speech technologies are being used in this market sector.
3.   First-hand experience of multimodal interfaces for advanced learning applications in action
4.   An overview of challenges associated with developing business in this vertical.
5.   Insight into what the visionaries in the field think of as the future of the use of speech technologies in learning and training software.

Biography:
Yoon Kim, Ph.D.,currently the Chief Executive Officer at NeoSpeech, Inc., Fremont, CA. He had served as NeoSpeech's Chief Technology Officer until August 2003.

Prior to co-founding NeoSpeech, he served the positions of CEO and Chief Scientist during his tenure at VerbalTek, Inc., a mobile speech recognition company in the Silicon Valley. He was also with the Speech Technology and Research (STAR) Laboratory at SRI International, and has been an active member of the ETSI STQ Aurora DSR Standards Workgroup for the past few years.

Yoon has more than 12 years of industry and research experience on many aspects of speech technology and solutions for embedded, network and distributed environments, and has published numerous papers, patents, and international standards-related documents on advanced speech technology for mobile and multimodal applications. He has given numerous talks at major industry conferences and workshops, on business and technology innovations pertaining to speech technology and multimodal interfaces. Yoon holds a Ph.D. in electrical engineering from Stanford University.