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in collaboration with the

**International Speech
Communication Association
through the Distinguished Lecturers Program**

presents

*Can computers now understand
sights and sounds?*

Cutting Edge Researches in
Digital Signal Processing

**Yuchengco Hall 407-409
De La Salle University-Manila
2401 Taft Avenue
1004 Malate, Manila**

9 am – 4pm, November 12, 2007

THE SPEAKERS

Dr. Chin-Hui Lee will give lectures on Automatic Speech Recognition in two Asian countries to promote speech and language science, technology and research. He has been appointed as one of the two Distinguished Lecturers for the year 2007 by the International Speech Communication Association (ISCA, the international academic organization in speech and language technology, http://www.isca-speech.org/DistinguishedLec.html). It is our honor that the organizing committee has chosen Manila, Philippines, to hold one of Prof. Lee's lectures. Prof. Lee is a professor at School of Electrical and Computer Engineering, Georgia Institute of Technology. His research areas include Human Computer Interface, Multimedia Communication, Multimedia Signal Processing, Speech and Audio Processing, Machine Learning, Pattern Recognition and Verification. He is a Fellow of the IEEE. He has published more than 250 papers and 25 patents on the subject of automatic speech and speaker recognition. He received the SPS Senior Award in 1994 and the SPS Best Paper Award in 1997 and 1999, respectively. In 1997, he was awarded the prestigious Bell Labs President's Gold Award for his contributions to the Lucent Speech Processing Solutions product.

Dr. Rowena Cristina Guevara graduated from the University of the Philippines for her BS and MS Electrical Engineering degrees in 1985 and 1990 respectively, and PhD in Electrical Engineering from the University of Michigan, Ann Arbor in 1997. She did post-doctoral studies in speech signal processing at the Tokyo Institute of Technology. She is the first Banatao Fellow at the University of California, Berkeley. She established the Digital Signal Processing Lab at UP-Diliman in 1990. Her publications are in areas of speech, audio, image and music signal processing.

Dr. Vladimir Mariano graduated from the University of the Philippines at Los Baños for his B.S. Statistics (magna cum laude) in 1993 and his MS Computer Science in 1997, and from the Pennsylvania State University for his Ph.D. Computer Science and Engineering in 2003. His areas of specialization include computer vision, digital image processing, and pattern recognition.

Ms. Jocelynn W. Cu is an Assistant Professor and Vice-Chair of the Computer Technology Department, College of Computer Studies of De La Salle University – Manila. She earned her degrees of Bachelor of Science in Computer Science with specialization in Computer Technology and Master of Science in Computer Science at the De La Salle University – Manila. Her research interest is in Digital Signal Processing, specifically in the area of wavelets and joint time-frequency analysis. (Email: cuj@dlsu.edu.ph)

PROGRAM OF ACTIVITIES

Time	Activity
8:30 – 9:00	**Registration**
9:00 – 9:10	**Opening Ceremonies** *Dr. Caslon Chua* *Dean, College of Computer Studies* *De La Salle University - Manila* **Prayer** **National Anthem** **Opening Remarks**
9:10 – 10:30	**Statistical Natural Language Processing: Lessons from Automatic Speech Recognition** *Dr. Chin-Hui Lee* *Georgia Institute of Technology*
10:40 – 12:00	**Speech Research at the UP Signal Processing Laboratory** *Dr. Rowena Cristina Guevara* *University of the Philippines - Diliman*
	LUNCH BREAK
1:00 – 2:20	**Digital Signal Processing Applications** *Dr. Vladimir Mariano* *University of the Philippines - Los Baños*
2:30 – 3:30	**Digital Signal Processing Research at DLSU-M** *Ms. Jocelynn Cu* *De La Salle University - Manila*
3:30 – 4:00	**A Response from Dr. Chin-Hui Lee**
4:00 – 4:10	**Closing Ceremonies** *Dr. Rachel Edita Roxas* *De La Salle University - Manila*