

The Fox School of Business

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Department of Statistics



Temple University

ANNOUNCES A
COLLOQUIUM

Dr. Joseph Picone

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Temple University*

will speak on

Quality Assessment of Search Terms in Spoken Term Detection

Time: 3:00 – 4:00 PM

Date: Friday, January 21, 2011

Place: Alter Hall 746

Abstract

Spoken term detection is an extension of text-based searching that allows users to type keywords and search audio files containing spoken language for their existence. Performance is dependent on many external factors such as the acoustic channel, language and the confusability of the search term. Unlike text-based searches, the quality of the search term plays a significant role in the overall perception of the usability of the system. In this presentation we will review conventional approaches to keyword search and discuss a tool we have developed for predicting the quality of a search term in a manner similar to the way password checking tools currently work.

Guest Parking Available in the **Liacouras Garage**
(Located on **15th Street between Montgomery and Cecil B. Moore Avenues**)