The 1995 Mississippi State University Conference on

Digital Signal Processing

What: EE 4773/6773 Project Presentations
Where: Simrall Auditorium, Mississippi State University
When: December 4, 1995 — 1:00 to 4:00 PM

SUMMARY

The Department of Electrical and Computer Engineering invites you to attend a mini-conference on Digital Signal Processing, being given by students in EE 6773 — Introduction to Digital Signal Processing. Papers will be presented on a wide range of topics including speech and image processing, parallel processing, and acoustic echo cancellation.

Students will present their semester-long projects at this conference. Each group will give a 10 minute presentation, followed by 5 minutes of discussion. After the talks, each group will be available for a live-input real-time demonstration of their project. These projects account for 50% of their course grade, so critical evaluations of the projects are welcome.

Session Overview

1:00 PM — 1:10 PM: J. Picone, Introduction

1:15 PM — 1:30 PM: **N. Doss**[1] and T. McMahon, "An Integrated Khoros and MPI System for the Development of Portable Parallel DSP Applications"

1:30 PM — 1:45 PM: Y. Chen, L. Wang, A.M. Yusuf, and **H. Zhang**, "Noise Reduction in Laser Induced Breakdown Spectroscopy"

1:45 PM — 2:00 PM: **X. Du**, W. Couvillion Jr., and M.H. Kiu, "Correction of Scan-Line Shifts of Digitized Video Images"

2:00 PM — 2:15 PM: J. Beard, **S. Given**, and B.Y. Young, "DTMF Detection Using Goertzel's Algorithm"

2:15 PM — 2:30 PM: C.R. Jones, R. Seelam, M.E. Weber, **S. Wilson**, "Physical Modeling of a String Instrument"

2:30 PM — 2:45 PM: K. Bush, A. Ganapath, **J. Trimble**, and L. Webster, "Real-Time Speech Endpoint Detection"

2:45 PM — 3:00 PM: V. Allen, **M.E. Henderson**, E.S. Wheeler, and J. Williams, "Active Noise Cancellation in a Highly Reverberant Chamber"

3:00 PM — 4:00 PM: Demonstrations in 414 and 434 Simrall

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1. The person presenting the paper is shown in bold lettering.

AUTHOR INDEX

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Digital Signal Processing

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1. The person presenting the paper is shown in italic lettering.