

UCSD Center for Music Experiment will present a demonstration and concert of New Music

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CONTACT: John Lauer, Center for Music Experiment, 534-4383 or Alixandra Williams, Public Information Office, 534-3120

THE CENTER FOR MUSIC EXPERIMENT AT THE UNIVERSITY OF CALIFORNIA, SAN DIEGO WILL PRESENT A COMPUTER AUDIO RESEARCH DEMONSTRATION AND CONCERT OF NEW MUSIC, ON MAY 16

Voices of Emperor penguins slowed down by a music synthesizer, a musical study of white sound, and a live performance of an electric violin which triggers a computer console are some of the creative works to be presented in a concert/demonstration by the Center for Music Experiment (CME), at 8 p.m. May 16, in the University of California, San Diego Mandeville Center Auditorium.

The 90-minute program will demonstrate short samples of creative research done by faculty, visiting researchers, graduate students and staff during the past five years at CME's Computer Audio Research Laboratory (CARL), and present live and taped compositions. The program will be accompanied by various lighting techniques and visual effects.

The CARL project has received recognition world wide for its distinguished contributions to the world musical community. Works produced at CARL have been heard in Japan, West Germany, Belgium, the Netherlands, France and Finland. Requests for CARL software are made to CME from around the globe.

Examples of sound research accomplished in the Computer Audio Research Laboratory will illustrate CARL's technical capability. There will be a composition algorithm by CME founder Roger Reynolds, whose latest work, "Symphony (Vertigo)," was inspired by Czech novelist Milan Kundera's "The Unbearable Lightness of Being."

Violinist Janos Negyesy and associate/composer Lee Ray will demonstrate live performance processing onstage with the La Jolla Civic-University Orchestra. The electric violin system will be used to process sounds provided by the orchestra in performance.

Researcher Ann Bowles's sound analysis and synthesis of Emperor penguin vocalizations was a dissertation project at CME. Bowles was attempting to discover how Emperor penguins can identify their mates from a large group of penguins, solely through vocal sounds.

The concert segment of the program will offer live and taped works of composers Paul Koonce, Tom North, Roger Reynolds, and Joji Yuasa, including an excerpt of work by Negyesy and Ray.

Yuasa's piece, "A Study in White," is a study of two short movements filtering white sound.

Reynold's work, "Versions/Stages," is a set of several small works using the same musical form which was generated by computer algorithm. For information call the Center for Music Experiment at 534-4383.

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