

**THE
ELECTROACOUSTIC
BARN DANCE
PAPER SESSION III
UNIVERSITY OF MARY WASHINGTON
DEPARTMENT OF MUSIC
POLLARD 213
OCTOBER 29, 2011
4:30 PM**

GUA

Nick Hwang, J. Corey Knoll, and Jeff Albert

The lecture involves a highlighted presentation and a short performance demonstrating the functionality of GUA. GUA is a live manipulation and sampling digital instrument for laptop and iPad. It is written in Max/MSP and uses TouchOSC on the iPad to communicate wirelessly during live performance. GUA has been in development since 2009 and has gone through numerous iterations, which the lecture will cover. GUA has been the featured instrument in performances, and also has played a complementary role with other instrumental groups ranging from wind ensemble to chamber to solo; and using strictly notated scores to free improvisation.

The Three Computeers are Jeff Albert, Nick Hwang, and Corey Knoll. The 3Cs use computers as their tools, and their aural environment as the material from which they make music. They often collaborate with improvisers on acoustic instruments, using the acoustic sounds as the building blocks of the electronic sounds. They program many of their own computer instruments, and develop their own personalized interfaces.

Nick, Corey, and Jeff met at LSU, where they are PhD students in the Experimental Music & Digital Media program. They first performed together as members of the Laptop Orchestra of Louisiana (LOLs).