

LOOP PROJECT - *Performance of Electronic Music*

CONCERT OF THE DIGITAL MUSIC ENSEMBLE

SUNY CIT 2014, Cornell University May 29th 2014

Thursday, May 29

Digital Music Ensemble

Bailey Hall

8:00 - 9:00 pm



The Music and Theater Departments of the School of Arts and Humanities at SUNY Buffalo State will present a two-part concert featuring the Digital Music Ensemble (DME). The concert includes the music of Kraftwerk as well as electronic jazz-fusion compositions.

The Kraftwerk portion of the show will bring together Music, Dance and Design. The DME will perform six works of this seminal German band whose pioneering use of technology (synthesizers, rhythm machines and custom made controllers) played a fundamental role in the development of electronic music in the early 80's. The second part of the concert will consist of electronic jazz-fusion and experimental music pieces by Weather Report, Herbie Hancock and others.

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LOOP Project - Creation of software tools for electronic music performance
DMP 450 class - Interactive Computer Music
(software used for the performance of Kraftwerk's music)

The image displays a grid of software interface panels for various audio effects. Each panel is color-coded and contains specific controls and parameters:

- FLANGER:** Features a 'MIC GAIN' slider at 0.7, 'CLT IN' and 'PITCH' controls, a 'F1' fader, a musical staff with a treble clef and a note, 'FT-DEL' at 750, and a 'RESO' knob with a 'K1' key indicator at 0.75.
- FORMANT:** Includes 'MIC GAIN' at 1, 'LOW FREQ' (-200 to +200 Hz) and 'DEEP FX' (-1200 to +1200 Hz) sections, a 'F2' fader, a 'Manual' control, 'FREQ' at -54, and a 'DEGR' knob with a 'K2' key indicator at 1.
- VOCODER:** Shows 'MIC GAIN' at 0.3, 'SYNTH GAIN' at 0.3, a 'CHORDS' section with a musical staff and 'Fader 3', and a list of notes (V1-V4) with 'AMP' and 'ON' indicators.
- SHIFTER:** Contains 'MIC GAIN' at 1, 'LEFT CH VOICE 1' and 'RIGHT-CH VOICE 2' sections, 'AMP' and 'SHIFT' controls, and 'K3' and 'K4' key indicators.
- THRU:** Features 'MIC GAIN' at 1, 'VOLUME' at 1.84, 'DRY-SIGNAL', 'CH1 OUT', and 'CH2 OUT' indicators.
- RINGER:** Includes 'MIC GAIN' at 1, 'AMP' at 3, 'FREQ' at 0, and a 'K5' key indicator.
- VOLUME:** A red panel with 'VOLUME' at 1.43, 'TUNED-FLANGER', 'FORMANT-FX', 'VOCODER', 'PITCH-SHIFTER', 'RING-MODULATION', and 'CH1 OUT'/'CH2 OUT' indicators.
- DELAY:** Five identical grey panels, each with 'DELAY' title, 'TIME' at 250, 'ECHO' at 0.4, and 'VOL' knob at 0.7.

VOICE
FXs
InnerSound

LOOP LAB - *Hands on laboratorial work* - 102 Rockwell Hall
Electronic Music Composition class, DMP 350, Fall 2015



LOOP project - Community outreach
Visit to Transit Middle School, Williamsville, NY - Spring 2014
Students of the program in Digital Music explain and perform electronic instruments



LOOP project - The future: linking the LOOP Lab to a **52.1 surround sound system**
SUNY Buffalo State - Faculty Research Forum, Fall 2014



LOOP project - Presentation at NYSSMA Conference, Rochester NY - Fall 2014

Day 3: Saturday December 6, 2014

10:15 PM

NYSSMA®

Annual Staircase Sing

CC Empire Lobby

Nancy Deutsch, Chairperson

Please join us for NYSSMA's traditional "Sox Tiffault Memorial Sing" directed by Herb Deutsch. The more the merrier to put us in the holiday spirit. Bring your voices and the "Hallelujah Chorus."

**DAY 3: FRIDAY
December 6, 2014**

8:00-10:00 AM

Registration

CC Empire Lobby

8:30-9:45 AM

Adjudication Festival

How to Chair a Successful NYSSMA® Solo & Ensemble Festival

CC Cascade EF

George H. Smith, Chairperson

George Smith, Clinician

Nearly 100,000 students participate in NYSSMA® solo and ensemble festivals each year. Insure that your festival will operate smoothly and efficiently. Tested and proven ideas that work will be presented in a power point presentation.

Music Technology Showcase

**Developing Creativity through Music Technology:
The Digital Music Program at SUNY Buffalo State**

CC Highland CH

SUNY, Buffalo State College

Tomas Henriques, Clinician

The application of sound synthesis and sound processing techniques to teach fundamental concepts and foster creative approaches in music and sound design.