Markov's River
Hsin-Fang Wu and Andrew Lu

The piece is comprised of three sounds, a bassist, a sound with fixed rhythm pattern, and a high-pitch sound. The melody is developed in a random sense and provides the feel of a running river. For the structure, the piece includes two parts. The first part delivers a calm, steady and peaceful feeling. In the second part, there are more variations in rhythm pattern, tempo, volume and range.

Claire (Hsin-Fang), from Taiwan, loves music and plays piano and flute. Her childhood dream was becoming a pianist, but somehow she becomes a engineer and might have to spend rest of her life coding and debugging…...
Andrew is a CS guy who loves experiments. He just started to mess around with computer music this quarter.
BTW, Claire and Andrew both love tapioca milk tea.

Circles
Noam Ben-Avi and Caleb Rau

This piece, titled "Circles" is inspired by the tradition of drum circles and their involvement of an entire community. The goal of the piece was to construct an instrument that would allow non-musicians and non-programmers to easily play along with a group despite their lack of experience. Circles aims to close the gap between audience and performer and attempts to demystify the computer as an instrument for musical expression.

Noam is pursuing a Computer Science coterm and has a passion for heavy house beats and analog synthesizers. Caleb is junior studying here at CCRMA and returning to SLOrk for his second year.

Stanford Laptop Orchestra (SLOrk)
presents
SLOrktastic Chamber Music 2014

May 1, 2014, Thursday 8 p.m.
CCRMA Stage, Stanford University

Stanford Laptop Orchestra (SLOrk)

Ensemble
Omar Diab I Aditya Singh I Dan Spaeth I Hsin-Fang Wu I Hana Shin
Madeline Huberth I Trijeet Mukhopadyay I Andrew Liu
Caleb Rau I TJ Melanson I Noam Ben-Avi I Roshan Vidyashankar
Daniel Noe I Diego Aguilar-Canabal

Ge Wang, **Director**
Spencer Salazar**, Co-director**

Cookin'
The Burrito Fries
(Hana Shin and Roshan Vidyashankar)

What is music but food for the ears. What is food but music for the belly. Cookin' is a piece about these two things that we all love and their flavorful fusion. (No pun intended.)

The Burrito Fries were formed at the Treehouse when Roshan and Hana were wrestling with musical ideas over burritos and fries.

March of the Thunder Gods
Diab, Aguilar & Noé

"March of the Thunder Gods" is an atmospheric piece exploring humanity's interaction with environmental sounds. Daniel manipulates a soundbed of rainstorm field recordings, and Omar expands the range of timbres with sine waves while Diego plays a digital tabla sampler. We have been striving for a minimalist composition structure that relies less on harmony and rhythm than simply juxtaposing our radically different sounds.

Omar Diab is a co-term student in Computer Science. He is originally from Cleveland and has been mixing and producing electronic music for nearly a decade. Daniel Noé is a senior studying Computer Science. A native of Los Angeles, he is excited to perform in his first ensemble. Diego Aguilar is a senior studying English Lit who hails from Silver Spring, Maryland. He has played in jazz and rock bands since high school, and is slowly getting over his code phobia.

Adi's [Horrifying] Mind
Madeline Huberth and Aditya Singh

The piece depends on mixed use of a single electrode EEG device, which collects the raw electromagnetic waves emitted by a performer's brain. These, and the identifiable signals they throw off, are sonified, while accompanying Gametrak instrument adds an array of textures to the work.

Madeline is a PhD student at CCRMA. Adi spends his time training German Shepherds to bark in Spanish. Their three-week long partnership has produced their first joint opus, which Adi lovingly calls "Just Chuckin' Around".

41 Tentacles
Tentacle 42
(Trijeet Mukhopadyay, TJ Melanson, and Dan Spaeth)

Today, we perform as Tentacle 42, performing our debut piece, "41 Tentacles," an ambient, electro-house journey.

We are "Tentacle 42", comprising of TJ, Trijeet, and Dan. Trijeet Mukhopadhyay is that eccentric Indian guy who experiments around with CS and music. He plays the keyboard and dabbles around with music production. After landing in a UFO from Hilton Head, TJ Melanson was sent out to scout the Stanford area. He did so by joining the running club. He's also pretty chill with a guitar. Dan Spaeth is a platypus-loving Minnesotan studying CS and Librarianing for the Stanford Band, in which he plays the trumpet.

BBQ
Hana Shin

BBQ is an exploration of the English alphabet, and more broadly, the onomatopoeic nature of the language system we use to express ourselves. Sometimes you just feel so SPKCHYA, or RAHWUMPOWCHKU, you know. As words fail, we'll let the music speak and the letters sing.

Hana is a composer, pianist, and first-year Master's student at CCRMA. She gets easily excited about sound synthesis, improvisation, Disney songs, tango music, yellow minions, and filling the world with interesting sounds.

Continuum
M$G
(Madeline and Ge)

Forward motion is. A study in dynamics and balance; cyclic tendrils ebbing and flowing, swelling and retreating; timbres varying over pseudo-life-cycles; voices echoing in space and through windows into processes set in motion long before we are, and will continue long after; like ocean waves, unrelenting, not looking back. Forward motion is.

Madeline Huberth and Ge Wang design musical instruments from the computer, make music with the instruments, and devise experiments from the music.