Juraj Kojs

Concealed

for flute and electronics

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San Juan de la Cruz: *Noche Oscura* (second verse)

Saint John of Cross: Dark Night

2. A oscuras y segura,
por la secreta escala, disfrazada,
¡oh dichosa ventura!,
a oscuras y en celada,
estando ya mi casa sosegada.

2. In darkness and secure,
by the secret ladder, disguised
– oh, happy chance! –
in darkness and in concealment,
my house being now at rest.

Translated by E. Allison Peers Public domain

Concealed belongs to a series of pieces inspired by poetry of St. John of Cross. These compositions explore instrumental sonorities that lie on the border of hearing. In Concealed, flute predominantly produces colored noise. The concealed pitch becomes heard as the color of timbre. The pitches are derived from the letters of the poem. The electronic part uses recordings of Dan Trueman's MAX/MSP implementation of the flute physical model designed by Perry Cook and Gary Scavone (originally ported in STK). The model was used to augment the sonorities of the physical flute through extending its registral and textural arenas. The model enabled expanding the flute's parameters to unrealistic dimensions and consequently producing novel sonorities and performance modes unattainable on the physical instrument. The new version further explores deforming the Tube model in Ableton Live's Corpus engine.

Performance notes

The notation system is divided into six parts: computer part, regular notation staff, dynamic envelope staff, IN/OUT breathing staff, blow hole staff, and area for notes.

Regular Notation Staff. Accidentals apply only to the note in front of which they are positioned. Allow harmonics to sound at all times.

Dynamic Envelope Staff. The top level suggests *ffff* and the bottom level *niente*.

Blow-hole Staff. This staff signifies the percentage of the covered blow-hole. A gesture positioned at the top level requires enclosing the hole completely with mouth ("rolled in"). A gesture located at the bottom level implies a completely open blow-hole ("rolled out").

To achieve the "pitch color", the player is asked to finger notes while avoiding generation of concrete pitch. Depending on the blow-hole enclosure, mouth shape, and dynamics, the pitch is more or less present. It, however, should never transparently resonate. Where indicated, particular *in* and *out* breathing patterns are required.

The player is asked to articulate syllables and words. The syllables are spelled phonetically in English.

Spelling	Sound
a	l <u>aug</u> h
d	<u>d</u> ip; voiceless alveolar plosive [d]
e	r <u>e</u> d
f	flower; voiceless labiodental fricative [f]
i	l <u>i</u> p
ii	t <u>ee</u> th
kkk	<u>c</u> at
rrr	rolled r
t	$\underline{\mathrm{tip}}$; voiceless alveolar plosive [t]

The words – based on the second verse of *Noche Oscura* – should be spoken with Spanish pronunciation.

Technical requirements

- 1 microphone
- 1 Apple computer running Ableton Live
- 1 Firewire interface
- 1 Stereo audio system

Duration: 7'10"











4'30"







