



wake windows

for the Arizona Contemporary Music Ensemble

PRISMS 2022

sofia matuš-cancino





Wind ensemble & fixed electronics 9’38”

A wake window is the period of time a baby or toddler can stay awake between sleep cycles. The form and the electronics for this piece were composed in proportion to my daughter’s wake windows schedule. In this setting, performers react to her voice and movement, following color-cued sound waves as guidance for their improvisation.

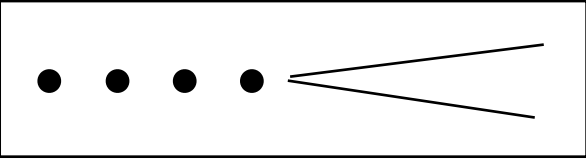
Figure list:



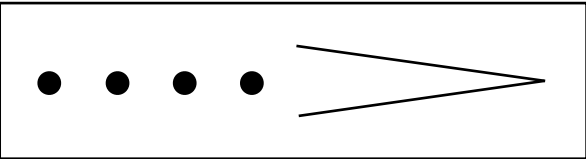
Click cue for sound event.




Sound event match on click.




Click cue for fade in.



Click cue for fade out.


white noise scenery()


Noise boxes between windows refer to sleep cycles, where the ensemble will produce white noise with their instruments, imitating ocean, rain, or wind as notated inside ().

pc. 

Pitch collection chords (in concert pitch) - Performers play motives taking the notes as starting or landing pitches.

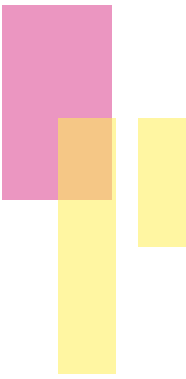
-  Flute
-  Sax
-  Clarinet in Eb
-  Clarinet in Bb
-  Bassoon
-  Horn
-  Trumpet



4 beat ‘measure’ for sound wave 120bpm.



Rehearsal letters with time stamp.

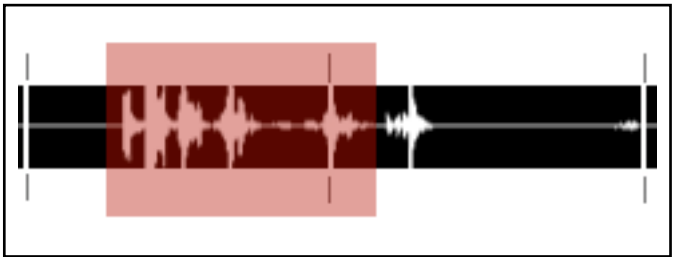


Note to performers

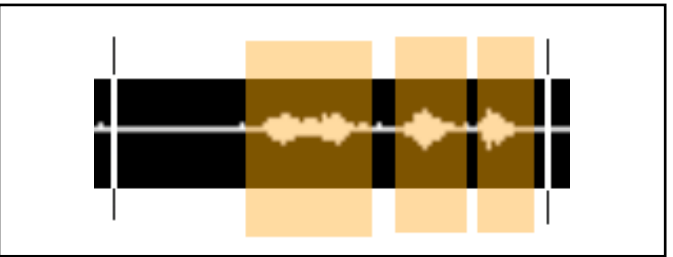
This piece wants to explore the nuances of dialogue without intelligible spoken language. As you will be reacting to the babbles of a human being that’s just learning how to use her voice, use your instrument and its possible qualities organically, to follow the voice leading in the electronic track. Even when there are notations on rhythm in the score, they should be taken as a starting point for improvisation, rather than as a straight translation of traditionally notated music.

Hear the solo track a few times before starting improvisation, as this would provide more room to imagine aural ideas for your reactions.

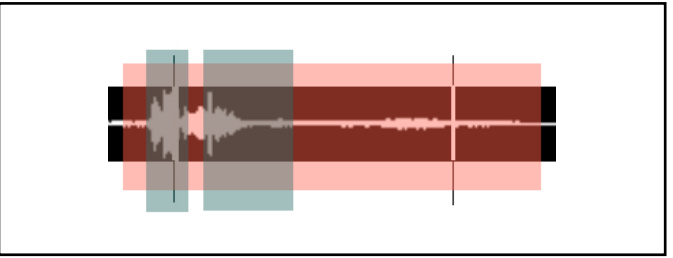
Improvisation guidelines



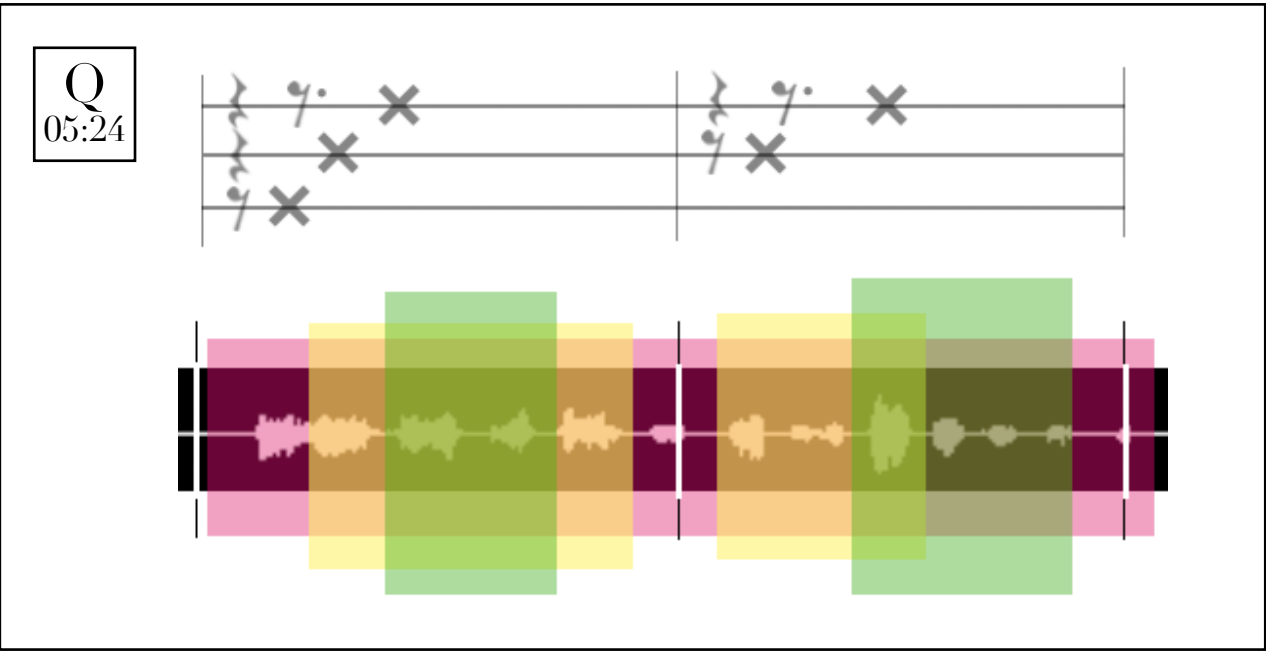
Single performer plays an uninterrupted motive during the sound wave.



Single performer plays a fragmented motive for each sound wave.



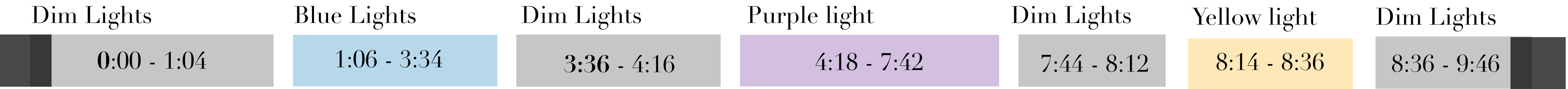
Two or more performers play at the same time when colors overlap.




Lines above sound-waves (single or stacked) indicate a metered starting play cue marked by an ✕.

In the example from letter Q, Saxophone (bottom line) starts first and plays during the entire two ‘measures’. Followed up by Flute (middle line), that stops and re-takes in the next cue. Clarinet in Bb (top line), has a similar pattern at a slightly different rate, also stopping and re-taking at the next cue.

Light Timeline



*Fade to dark



A musical staff with a treble clef. The key signature has two sharps (F# and C#). The notes are D4 (first space), F#4 (second space), and A4 (third space), forming a D major triad.

$\bullet = 120$

