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CENTRIFUGAL FORCE FOR PLAYER PIANO

*Ori Barel*



## THE MUSIC

*Centrifugal Force* is inspired primarily by robotic art. We live in a culture where things happen extremely fast and so much information is condensed. I wanted to create a piece that would explore that aspect of our culture using elements of traditional and free jazz as well as silent film music, culminating in a musical fusion of today's technological world with pieces of the past. Using the player piano, I explored rhythms and tempos that would have been impossible for a performer to play accurately. To create a twist on this aesthetic, some sections of the piece accentuate the machine element and others sound like a performer is playing. This interplay between extreme fast and slow speeds fascinates me: an automated world contrasting a fake manual world.

Under this same theme, the piece includes musical algorithms derived from a Cellular Automata program that I created with Python and the Abjad library. Chapters 1, 2, and 4 are made up of small miniatures that vary in length ranging from fifteen seconds to one minute. They are compiled in a formalistic structure. Chapter 3 deeply contrasts the other chapters; it is motivic all throughout.

## THE COMPOSER

Ori Barel is an inquisitive composer who works in a variety of mediums and styles while maintaining a strong personal aesthetic. Ori has composed chamber music for Kacey Link, Eran Borovich, Seth Josel, Lucia Mense, Anne La Berge, the San Francisco Guitar Quartet, Ignition Duo, Formalist Quartet, Ear Unit, and Trio Kobayashi among others. His music has been performed in venues and festivals such as the Center For New Music (San Francisco), Ballhaus Berlin, the MOSA concert series (New York), Beyond Baroque (Los Angeles), ICMC, REDCAT (Los Angeles),

Santander Festival (Spain), SoundWalk, and CEMEC Festival. He has created soundscapes for installations by various artists at the Santa Barbara Museum of Art, Tel Aviv Museum, and the Jerusalem Artists' House.

Ori works extensively with electronics, specializing in both electro-acoustic and electronic music. Ori's electronic works combine algorithmic technique with an intuitive musical approach; his research interests include algorithmic music using cellular automata and Markov chains as well as music visualization using Processing and other tools.

Ori holds a B.A. in Music Composition at UCLA, a Masters degree from California Institute Of The Arts where he studied with Michael Jon Fink, Ulrich Krieger, and Marc Sabat, and a Ph.D. in music composition from the University of California, Santa Barbara where he studied with Clarence Barlow and Curtis Roads.

## ACKNOWLEDGMENTS

Recorded at Lotte Lehmann Concert Hall on May 26, 2018

Performed by a Player Piano

Piano: Kawai RX-7 grand piano

Player: PianoDisc PDS228CFX

Engineered by Ori Barel

Mastered by Scott Fraser

Publishers: Ordinary Landscapes, ASCAP

## Special Thanks To

Clarence Barlow, Curtis Roads, Dan and Miriam Barel, and Kyra Folk-Farber

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ORI BAREL · CENTRIFUGAL FORCE FOR PLAYER PIANO

# CENTRIFUGAL FORCE FOR PLAYER PIANO

- Centrifugal Force for Player Piano
- |   |        |         |
|---|--------|---------|
| 1 | Part 1 | [10:22] |
| 2 | Part 2 | [10:05] |
| 3 | Part 3 | [10:30] |
| 4 | Part 4 | [10:48] |

Total Time = 41:47

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