

The Musarithmic Ark.....

is based on the idea of 17th century composing machine called the "musarithmic ark" attributed to Athanasius Kircher. In this work I set compositional process in motion and follow where it leads. As a composer, I use the idea of a work having a 'Musical Argument' to create a macro context or framework that defines the work. This is not a narrative in a programmatic sense, but a journey that realizes a concept in pure musical terms.

For the first movement *Shimmering*, my argument is about a strata of 3 strands that are defined separately in terms of register and pitch which gradually melt together.

For the second half of the work, *Crash* I use dyads as a source for my pitch material and experiment with aligned and non-aligned phrasing in relation to the meter.

Performance Indications:

The score is transposed, accidentals apply in the measure and the octave in which they appear

Shimmering

Perform this movement with great freedom expression. A sense of drama is intended
Saxophone - C.Tr, this is a timbral trill, experiment with different densities.

Scored for: Trumpet in C, Alto Saxophone in Eb & Piano

The Musarithmic Ark was written for the trio *tro/Ca*, Kim Dunnick (trumpet), Steven Mauk (alto saxophone), and Diane Birr (piano). All the members of *tro/Ca* are on the faculty of the School of Music at Ithaca College USA.

The Musarithmetic Ark

Trumpet in C

1 - Shimmering

Margery Smith

Dedicated to *tr/Cl*

$\text{♩} = 44$ With much expression

Trumpet in C

Alto Sax.

mf *f* *mf > p*

fp *fp* *f* *mf > p*

Take plunger mute

mf > p *mf* *pp*

mf *mf*

Repeat randomly, with lots of space
Play with different velocities, articulations,
and speed same piano cue

Repeat randomly with lots of space
Play with different velocities, articulations,
and speed until piano cue

Piano cue

Piano cue

pp *mf* *p*

13 *pp flz p* *pp f* *pp mf* *pp* *mf* *p mp p*

ppp *p* *f*

C.Tr

15 'Wah' effect in this rhythm *mf* *mf* *p* *f*

'Wah' effect

mf *p* *f*

C.Tr

16 *f* *mf* *pp*

mp *pp*

17 *mp* *p* *mp* *p*

C.Tr

19 Normale *p* *p* *f* *p* *mp*

C.Tr

Shake a mill in this rhythm

21

22

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Musical score for C. Tpt., A. Sax., and Pno. The score is divided into three systems. The first system (measures 42-45) features C. Tpt. with dynamics *mp*, *mf*, *p*, and *mf*; A. Sax. with dynamics *p* and *mf*; and Pno. with an *8^{va}* marking. The second system (measures 46-49) features C. Tpt. and A. Sax. with various dynamics and articulation marks, and Pno. with various dynamics and articulation marks. The third system (measures 50-55) features C. Tpt. with dynamics *f* and *f*; A. Sax. with dynamics *f*; and Pno. with dynamics *f* and *f*. A large watermark "www.hickeys.com" is overlaid diagonally across the score.