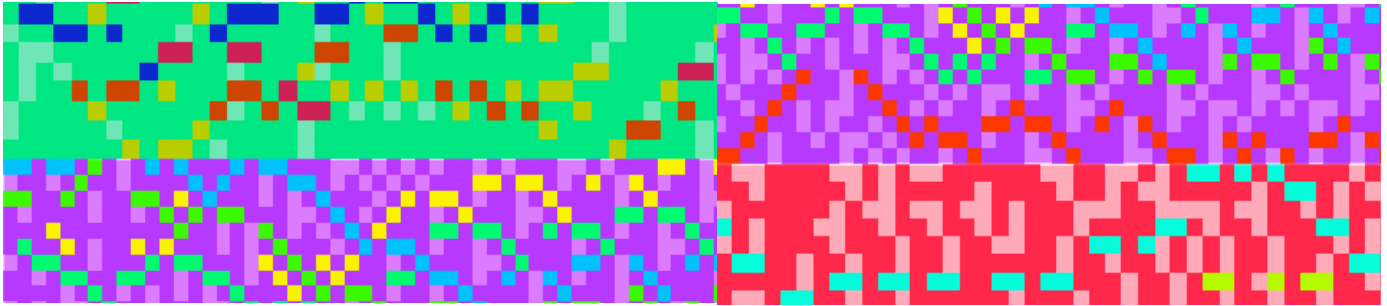


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MUSIC WORKSHOP THE MUSIC OF MATH: WOLFRAMTONES WEDNESDAY, DECEMBER 12, 2018, 4 - 6 PM

A hands-on workshop on the powerful set theory and pattern matching capabilities in Mathematica to produce customized music. Attendees will look inside the mathematical language behind the infinite number of sound patterns that can be generated in WolframTones. The discussion may speculate on how the personal computer will affect the life of the composer in the future.

Bring an iPad or laptop to experiment with making your own tones. This is a free public event. Space is limited. Please RSVP: gallery@jjay.cuny.edu



JOHN KIEHL
Co-owner of Soundtrack Recording Studios, New York

John Kiehl graduated from MIT in 1973 with two undergraduate degrees; one in Electrical Engineering and one in Humanities (Music). In 1978, with partner and Harvard graduate, Rob Cavicchio, John built Boston's second multi-track recording studio which expanded into New York. John created and directed the Aircraft Music Library, producing over 150 albums of instrumental music, composed theme songs and underscores for numerous TV shows and produced independent artists. John has invented numerous pieces of software that create organic environments between man and machine. CAcophony, one such software, allows the user to "play" Stephen Wolfram's cellular automata patterns outlined in Stephen's "A New Kind Of Science".