

MILLERCOMM2023

CAS

Center for
Advanced
Study

David Rosenboom

Composer, performer,
interdisciplinary artist-educator

Monday
October 3, 2022
5:00 pm

CIF Auditorium (0027/1025)
Campus Instructional Facility
1405 Springfield Avenue Urbana
University of Illinois Urbana-Champaign

Neuromusic

Propositions from an Art-Science Convergence

David Rosenboom will present concrete examples from his more than five decades of pioneering work in *propositional music* illustrating how testable theoretical models in science and process-based *what-if* models in speculative arts can converge to mutual advantage in the new *artscience*: musical forms that arise spontaneously and evolve, listening as performance, networked telematic projects, large-scale collaborative forms, new approaches to notation, adaptive engineering in interactive instruments, cybernetic compositions employing direct musical interface with the human brain, and more.

Following the presentation, Rosenboom will join a panel discussion including **Carla Scaletti** (Symbolic Sound), **David Sepkoski** (History), and **Smitha Vishveshwara** (Physics).

HOSTED BY:
School of Music

IN CONJUNCTION WITH:
Carl R. Woese Institute for Genomic
Biology—Art of Science Program
Department of History
Department of Chemistry
Department of Computer Science
Department of Electrical &
Computer Engineering
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Symbolic Sound Corporation
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Scan the code for the
complete schedule of
David Rosenboom's public
events calendar during his
GAM residency.



For background information, consult
cas.illinois.edu or call 217-333-6729.