

# ARTIFICIAL INTELLIGENCE AND THE NEUROSCIENCE OF IMPROVISATION W/BRADLEY VINES

Sun. 4/14: 2-4 pm

**REGISTER**



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Event Type

Workshop

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Department

Theory and Improvisation

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Day

Sun

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Instructor

Bradley Vines

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Status

online event

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This workshop provides an overview of developments in AI involving music creation and improvisation, including a high-level exploration of how these systems work. The emphasis will be on similarities and differences between AI-generative music and (human) musical creativity, as well as insights from this comparison for the practice and experience of improvisation. There will be guided “experiments” in improvisation that bridge the research with your musical practice.

### **About Dr. Bradley Vines, PhD, MBA**

Bradley is a cognitive neuroscientist and saxophonist specializing in research on how music affects experience, behavior, and health. He holds degrees from the University of Oxford, UC Berkeley, and McGill University and has conducted postdoctoral research at Harvard Medical School and other institutions, supported by grants from the GRAMMY Foundation and the

Paterson University jazz program and privately with Gary Smulyan, Paul Mezzei, Kimber Scott, Allaudin Mathieu, and others. He has also learned South Indian Carnatic music from several prominent musicians in that tradition, including Dr. Vijaya Bharati, Dr. Ghatam Suresh Vaidyanathan, and Prasant Radhakrishnan.

**Here's what people have said about Bradley's workshops and teaching:**

- "Dr. Vines is a gem - he's highly skilled at presenting complex subject matter in [a] manner very approachable to a layperson. He leads with compassion, curiosity, and non-judgmental openness. Thank you!!!"
- "Props to Professor Vines for his awesome teaching and passion."
- "because of his knowledge and expertise, the class exceeded my expectations!"

# w/Bradley Vines

This is an online event, meeting in real-time, via ZOOM. Note: All listed times are Pacific Time (PT). Once you've registered, we will email you the login instructions approximately 24 hours prior to the start of the event.

<b>Sun. 4/14: 2–4 pm</b>			
Doors Open: 2:00 PM    Starts: 2:00 PM    Ends: 4:00 PM			
<b>General Admission</b>	<b>PRICE</b>	<b>FEES</b>	<b>QTY</b>
Advance Purchase	<del>60.00</del>		
<b>Gen - Neuro</b>	45.00	1.80	<input type="text" value="0"/>

**REGISTER**

ALL PRICES IN USD

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