

# NIME CritPersp AIML: Musicological Perspectives

Made with the best of intentions

CHARLES MARTIN JUL 15, 2020 07:27AM

FABIO MORREALE JUL 21, 2020 08:49PM

## Who owns data?

What does it mean to use other people's data?

Whose creativity is it in mixed agency? – FABIO MORREALE

AI is extremely bad at accrediting who is creating data (Shelly)  
– FABIO MORREALE

What is creativity? Can we think of something which we have not  
perceived from our experience? – ANONYMOUS

crossing the streams! this an ethics question! lol – ANONYMOUS

ANONYMOUS JUL 21, 2020 08:26PM

## What is going on in AIML which might be new now?

- speed of actually training
- democratisation of techniques (e.g., Fiebrink and co)
- freakouts about GPT3 --
- relative impenetrability of deep learning etc.

[https://www.reddit.com/r/gvern/comments/eachfr/generating\\_folk\\_music\\_with\\_gpt2/](https://www.reddit.com/r/gvern/comments/eachfr/generating_folk_music_with_gpt2/) – SIMON HOLLAND

Definitely applications of Transformer models in music gen.  
– CHARLES MARTIN

MARIJE BAALMAN JUL 21, 2020 01:08PM

## work from Nick Collins

<http://composerprogrammer.com/research.html>

FABIO MORREALE JUL 21, 2020 12:55PM

## Issue with notation?

AI instruments might mostly be based on improvisation, where is the space for notation?

Some people develop their own notation systems.

Musicology of code? From Thor's book – FABIO MORREALE

Sonic Writing: technologies of material, symbolic & signal inscriptions, Thor Magnusson – MARIJE BAALMAN

Notations can have different purposes – AI's independent of the improvisation system could develop different useful notation systems – ANONYMOUS

Apologies anonymous comment - now logged in – SIMON HOLLAND

ERIKNYSTROM JUL 21, 2020 12:39PM

## Are ML/AI algorithms there to think like humans? What else can they do?

ROBIN LANEY JUL 21, 2020 12:19PM

## What is the role for AI/ML for collaborative systems where users are supported but retain agency?

Control versus influence key issue – ROBIN LANEY

What are the genres for generated music - how coherent are they?  
– ROBIN LANEY

[https://www.3dmin.org/wp-content/uploads/2014/03/Campo\\_2014.pdf](https://www.3dmin.org/wp-content/uploads/2014/03/Campo_2014.pdf) – MARIJE BAALMAN

Useful paper. Thanks! – ROBIN LANEY

MARIJE BAALMAN JUL 21, 2020 12:17PM

## Timescales within music and on which machine learning algorithms operate

connecting gesture to sound/music: operating on timbre, note, phrase or section level? – MARIJE BAALMAN

using data both coming from sensors capturing gestures and/or data from the output sound/music produced? – MARIJE BAALMAN

in real-time scenarios! – MARIJE BAALMAN

CHARLES MARTIN JUL 21, 2020 04:32AM

## What does "similarity" mean in music?

Similar timbre, similar melody, similar beat...

thanks to @noris mood norowi for the great idea!

depends on the purpose.... – SIMON HOLLAND

CHARLES MARTIN JUL 21, 2020 04:34AM

# Accessibility of Music Instrument Creation

^ For AI based complex mapping – ANONYMOUS

introduced by Hugo -- how can we make instrument creation more accessible to new performers or those who are excluded from music tech?

HUGO SCURTO JUL 21, 2020 04:32AM

## Rebecca Fiebrink and Baptiste Caramiaux, The machine learning algorithm as creative musical tool (2016)

<https://arxiv.org/pdf/1611.00379.pdf>

CHARLES MARTIN JUL 21, 2020 04:26AM

## Wekinator

### Wekinator

Sign up for FREE online class: Machine Learning for Artists & Musicians The Wekinator is free, open source software originally created in 2009 by Rebecca Fiebrink. It allows anyone to use machine learning to build new musical instruments, gestural game controllers, computer vision or computer listening systems, and more.



WEKINATOR

CHARLES MARTIN JUL 21, 2020 04:25AM

## What are the musicological perspectives for AI/ML?

AI as accompaniment? – ANONYMOUS

HUGO SCURTO JUL 21, 2020 04:19AM

## Hello World!

hello, hugo! – NORIS BINTI MOHD NOROWI / FSKTM

Yichen is here:) – ANONYMOUS

Hi team! – CHARLES MARTIN

Test – ANONYMOUS

Test – ANONYMOUS

test – SIMON HOLLAND

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