

# Artist in Residence edition 2 - project proposal ideas

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## Emotional robots

In the time of pandemic I lost all the commissions related to the gig-economy. Therefore I devoted this time to development of robotic software for artists, which allows anyone to upcycle useful Roomba iRobot vacuum cleaners to useless automata providing artistic experience instead:

<https://github.com/xemantic/we-are-the-robots>

The term 'robot' comes from Czech. In Slavic languages "robota" means "work" or "job", and this term shares the root with German "arbeit". So these machines are supposed to serve us. But what if they gain their own personality. If their movement is controlled by erratic feedback-loop, producing movement of a giant insect, like a cockroach. What if their behavioral patterns can be associated with emotional states. They can be:

- curious
- cute
- annoying
- overeducated
- anxious
- shy
- etc. - you name it and help me shaping the experience

On a deeper level being exposed to robots like this raises the question of human-machine relations. Also the system as a metaphor of the machine. What if the robot who is supposed to serve, suddenly gets assertive and orders the spectators what to do. They are not spectators anymore. It turns into participatory art experience with twisted power dynamics. They can creep us out by weirdly following our faces, eavesdrop on what we say to announce it in public later on, and make poetry out of random phrases in their surroundings while moving freely among the crowd. Providing a “semantic mirror” for our current cultural condition and trendy topics we talk about.

Possible collaboration:

- writers / storytellers, to help defining the behavior
- costume makers, also working with wearable electronics
- robotiers and IoT developers who might want to provide custom sensors in addition to existing ones
- choreographers - the swarm of these robots can dance in a bigger show
- machine learning specialists - computer vision, face recognition, face detection, facial expression, sentiment analysis, natural language processing, something I already do, but maybe we can go deeper
- web developers who might want to expose the data collected from the robots

## AI vs genocide

curating our paleolithic emotions -  
Video skin - a costume for my robot

## Generative philosophy

Generative philosophy - the project which was born in CJ's workshop. It's about synthesizing meanings with AI. I was very surprised by the outcome of GPT-2 model elaborating on Wittgenstein's Tractatus. The most important philosophical book of the 20th century. The narrative behind this project is described here:

Prometheus, the poem of fire - what Alexander Scriabin, the first synaesthetic VJ, wanted to do

# Touching the Solaris ocean

back projection

## Immersive installations using kinect

This is my speciality shown in several places:

- Digital Arts Lab
- Dream World
- 8 Rooms Gallery
- Creative Code Berlin
- University of Applied Sciences Europe (Campus Berlin)

## Prometheus the poem of fire - proper visuals in tribute to the first VJ

Alexander Scriabin was composing for both - orchestra and the first "light organs". Whenever his pieces are performed today, it's with a huge disappointment. I believe it's because visuals are prepared without proper understanding of Scriabin's original intentions. And I believe I understand them better, because of my work with natural light dispersion in generative art. I want to provide immersive experience.

Collaboration:

- Pianists
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## Baroque altar rendering aura

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on the floor.