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The digital monograph that explores the intersection of AI and contemporary art. Curated by Alina Rastimesina.

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Artist Spotlight — aurèce vettier

Alina Rastimesina

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aurèce vettier is an art project founded in 2019 by Paul Marquilyn (b. 1990). This alias, formed using an algorithm, is a metaphor for the desire for a collaborative, open and hybrid approach.

This identity, like all of aurèce vettier's work, allows for a lot of back and forth between the crude aspect to which it is possible to stick, in time, paint, script, break, erase, and the shapes, colors, where it is possible to play with more dimensions than a human can grasp — a gesture analogous to uploading and then downloading an image over and over again on an online platform.

untitled edition #16 studio portrait, by Romain Sommer

In this virtual space, which may imitate AI algorithms or heavy mathematical processing, aurèce vettier often uses symmetry, limited data and explores new forms, which are then deployed on tangible objects, in close connection with many crafts.

The approach is not to consider the machine-generated aluminum as a set of finished works, but rather as raw material expanding conceptual possibilities and complementing the initial knowledge of art history.

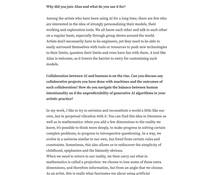
ALIEN Q&A — AURÈCE VETTIER

What does it mean to be an artist at the age of AI?

I'm convinced that the artist's place in the world, his role, is changing drastically. As opposed to what many of my artist friends claim, I don't believe that AI is a medium in itself. It's a tool, enabling expression on a wide range of physical and digital media. Nevertheless, this tool has extraordinary and unprecedented power. It can replace, in a matter of seconds and display AI models tailor-made specifically for your artistic practice.

I very much enjoy working in close connection with the natural environment, but also with the extraordinary materials of humans: many natural phenomena are rapid or slow transformations, chemical reactions, which I like to observe at close hand, which help us to digest and absorb a monstrous volume of data.

By trying to approach, to recreate a world that almost resembles the one we know, but not exactly, it's this parallel in particular that I like to explore.



Left and below: video of it being developed by a deep-learning neural algorithm, and the final, rendered version of the generated drawings, with forms, gestures, [0] on a 16 by 16 [1] 256 [2] pixel, before working [3] pixel 3 concept emerging from a finite cooking, [4] working on a canvas from a [5] generated image, and hand, gold foil, [6] 2022 [7] 2021

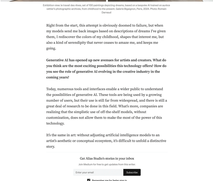
Why did you join Alias and what do you see it for?

Among the artists who have been using AI for a long time, there are those who are looking for a kind of "ultimate" algorithm, which will be the key to working and exploration tools. We all know each other and talk to each other on a regular basis, especially through group chores around the world. Artificial intelligence tools are in its beginnings, yet they need to be able to easily surround themselves with tools and resources to push new technologies to their limits, question their limits and even have fun with them. A tool like Alias is welcome, as it lowers the barrier to entry for customizing such models.

Collaboration between AI and humans is on the rise. Can you discuss any collaborative projects you have done with machines and the outcomes of such collaborations? How do you navigate the balance between human creativity and AI and the unpredictability of generative AI algorithms in your artistic practice?

In my work, I like to try to envision and reconstitute a world a little like our own, but in perpetual vibration with it. You can find this idea in literature as in the contemporary arts. Whether it's a painting, a sculpture, a book or a loom, it's possible to find these ideals. I make progress in solving certain complex problems, to progress to introspective questioning. In a way, we evolve in a universe similar to our own, but freed from certain rules and constraints. Sometimes, this also allows us to rediscover the simplicity of childhood, euphoria and the blatantly obvious.

When we need to return to our reality, we then carry out what is called "reverse engineering", which consists of finding the right way to carry out these actions, and therefore information, but from an angle that we choose. As an artist, this is really what fascinates me about using artificial intelligence: I personalize my models to a high degree, by training them on personal, even intimate data, and this allows me to have a kind of "reverse engineering" of myself. I'm not sure I'm the first artist to do it (I need to check this CEO), I see it more in image artificial intelligence trained on all my photos, from childhood to the present day, in an attempt to represent dreams.



Exhibition view Entrevue des rêves, at 19 Montparnasse gallery, Entrevue, installation ensemble of abstract acrylics, edition photographic sections, from childhood to the present, Galerie Magnetic, Paris, 2019, Photo: Nicolas Delmas

Right from the start, this attempt is obviously doomed to failure, but when my models work out back images based on descriptions of dreams I've given them, I rediscover the colors of my childhood, images that interest me, but also a kind of serendipity that never ceases to amaze me, and keeps me going.

Generative AI has opened up new avenues for artists and creators. What do you think are the most exciting possibilities this technology offers? How do you see the role of generative AI evolving in the creative industry in the coming years?

Today, numerous tools and interfaces enable a wider public to understand the possibilities of generative AI. These tools are being used by a growing number of users, but their use is still far from widespread, and there's still a great deal of research to be done in this field. What's more, companies are trying to lock down models and set off the shelf models, which can be counterproductive, since allow them to make the most of the power of this technology.

It's the same in art: without adjusting artificial intelligence models to an artist's aesthetic or compositional exigencies, it's difficult to unfold a distinctive story.

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What excites me about generative AI is precisely not the ability of these tools to generate content, because we're already in a context of overabundance, we have more writers than readers, so what's the point of adding yet another voice, derived via a generative model, to the cacophony?

On the other hand, generative AI also makes it possible to digest large volumes of data and extract a kind of quintessence from them, enabling us to switch from one medium to another, from text to image, from image to video and so on. These are the modalities on which I focus my artistic research.

untitled edition #16 studio portrait, by Romain Sommer, [0] on a 16 by 16 [1] 256 [2] pixel, before working [3] pixel 3 concept emerging from a finite cooking, [4] working on a canvas from a [5] generated image, and hand, gold foil, [6] 2022 [7] 2021

Some argue that AI could replace human creativity. What are your thoughts on this? Do you see it as a collaborator or a competitor to human artists?

I understand why this question is being asked, especially since the 2010s. Until now, when an artist used computer technology, it was often to generate a form, a shape, a texture, which he then integrated into a composition through many subjective choices, before resulting in a work of art.

Today, it is increasingly the case that the algorithm is the work itself, and that the works purchased by collectors are mere manifestations of this algorithm. I'm not interested in this approach, which seems to relegate more creative freedom to the machine. But it's a different mode of interaction, and I'm not convinced that it will spread to the entire art world.

Are there any specific trends or developments in the field of generative AI art that you find particularly exciting or promising?

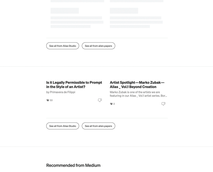
Even though technologies have evolved and enriched considerably over the last few years, I remain fascinated by the possibilities offered by GANs (Generative Adversarial Networks) and, like Boris Jonsen or Sofia Crespo, I continue to use them, notably in my recent series of hybrid sculptures — to generate their little wings.

As for models for switching from text to image, from text to video or from text to 3D, from the name I've always found this type of interaction a little superficial.

As an artist, and even as a designer, it's rarely possible to describe exactly what you want in the form of text, and besides, if you know how to do it, you wouldn't need to make paintings, sculptures or any other kind of creation.

Often, we arrive at work through trial and error, by taking detours, or conversely by concentrating for many years on a single gesture.

In short, I think the most promising thing about artificial intelligence is the emergence of new possibilities for interaction with its tools: inputting and outputting, the use of voice to make multiple micro-corrections to a work in progress, for example, and the transition from a sketch to an image, and why not all in real-time?



Exhibition view of ERRE FIRST, curated by Jean-Hubert Martin and Jean-Paul Ricard, Fondation de Gaulle, Paris, 2019, Photo: Nicolas Delmas

When a new technology or feature comes out, I of course try to take an interest in it and study it, because I'm very curious by nature, and I like to explore. On the other hand, I'm not a big fan of the fact that we're so in thrall to this technology, and I want to be ready to leave, but that's what I want to do with my own tools, and I'm sure that's what's most important to me: finding a form of balance, of tightness, so that all the works are connected to each other in some way, and form a coherent ecosystem, a universe that's constantly evolving.

What role do you think artists should play in shaping the legal and regulatory frameworks governing AI and creativity?

I believe that artists have absolutely no role to play in creating a legal framework for technology.

Through strong, emblematic works, performances and actions, they are already pushing technologies to their limits, and asking questions, often a few years ahead of their time. This is nothing new: many questions about the interaction between man and machine were already raised by artists in the 50s and 60s, and today, many artists are asking how to reconcile the usefulness of technology with its negative externalities while preserving an environment conducive to art.

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