Tulip Series

Myriad (Tulips)

Mosaic Virus

Bloemenveiling

Anna Ridler: Mosaic Virus 2019, 3 screen installation

Anna Ridler

Anna Ridler (b. 1985)

artist and researcher

measurement and quantification natural world

collections of information or data

particularly datasets

create new and unusual narratives

Myriad (Tulips)

Myriad (Tulips) (2018) is an installation of ten thousand hand-labeled photographs forming a dataset of unique tulips. The ten thousand, or myriad of, photographs were taken by Ridler over the course of three months, roughly the length of a tulip season, spent in Utrecht. Each photograph is carefully affixed one by one with magnets to a specially painted black wall in a laborious process to form a seemingly precise grid.

Classification of tulips
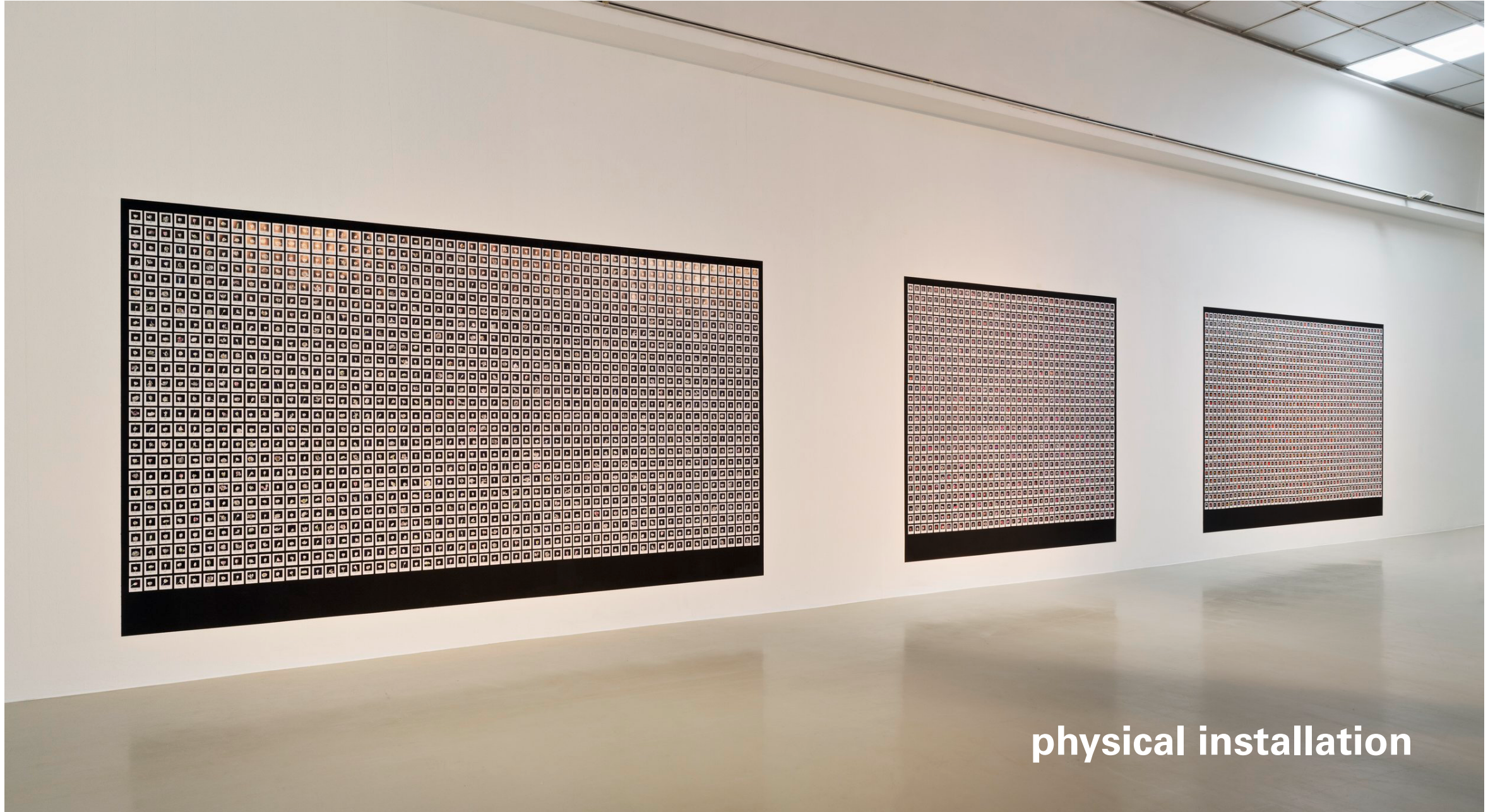
physical installation

Mosaic Virus

The appearance of the tulips is controlled by artificial intelligence using fluctuations in the price of bitcoin. The stripes on the tulips' petals reflect the value of the cryptocurrency. Ridler draws parallels with the tulip mania of the 17th century; representing the hysteria and speculation around crypto-currencies. The work takes its name from the mosaic virus which caused stripes in tulip petals, subsequently increasing their desirability and leading to speculative prices.
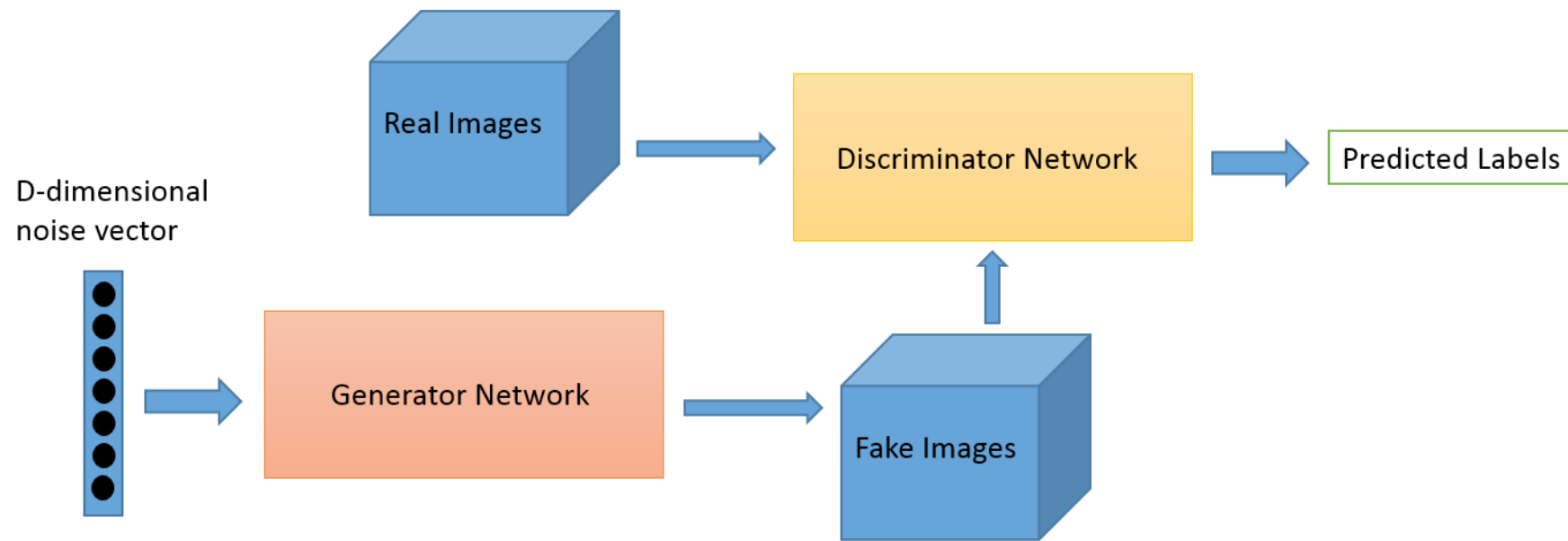
Tulip mania

Pattern generation

GAN neural network

Bloemenveiling

In the work, short moving image pieces of tulips created by generative adversarial networks are sold at auction using smart contracts on the Ethereum network.Each time a tulip is sold, thousands of computers around the world all work to verify the transaction, checking each other's work against each other. While the artificial intelligence behind the moving image pieces has the potential to generate infinite flowers, the enormous distributed network is used, at great environmental cost, to introduce scarcity to an otherwise limitless resource.

Non-fungible tokens (NFT)

- A way to represent anything unique as an Ethereum-based asset.
- NFTs are giving more power to content creators than ever before.
- Powered by smart contracts on the Ethereum blockchain.

| An NFT internet	The internet today
- NFTs are digitally unique, no two NFTs are the same.	- A copy of a file, like an .mp3 or .jpg, is the same as the original.
- Every NFT must have an owner and this is of public record and easy for anyone to verify.	- Ownership records of digital items are stored on servers controlled by institutions – you must take their word for it.
- Content creators can sell their work anywhere and can access a global market.	- Creators rely on the infrastructure and distribution of the platforms they use. These are often subject to terms of use and geographical restrictions.
-	- ......
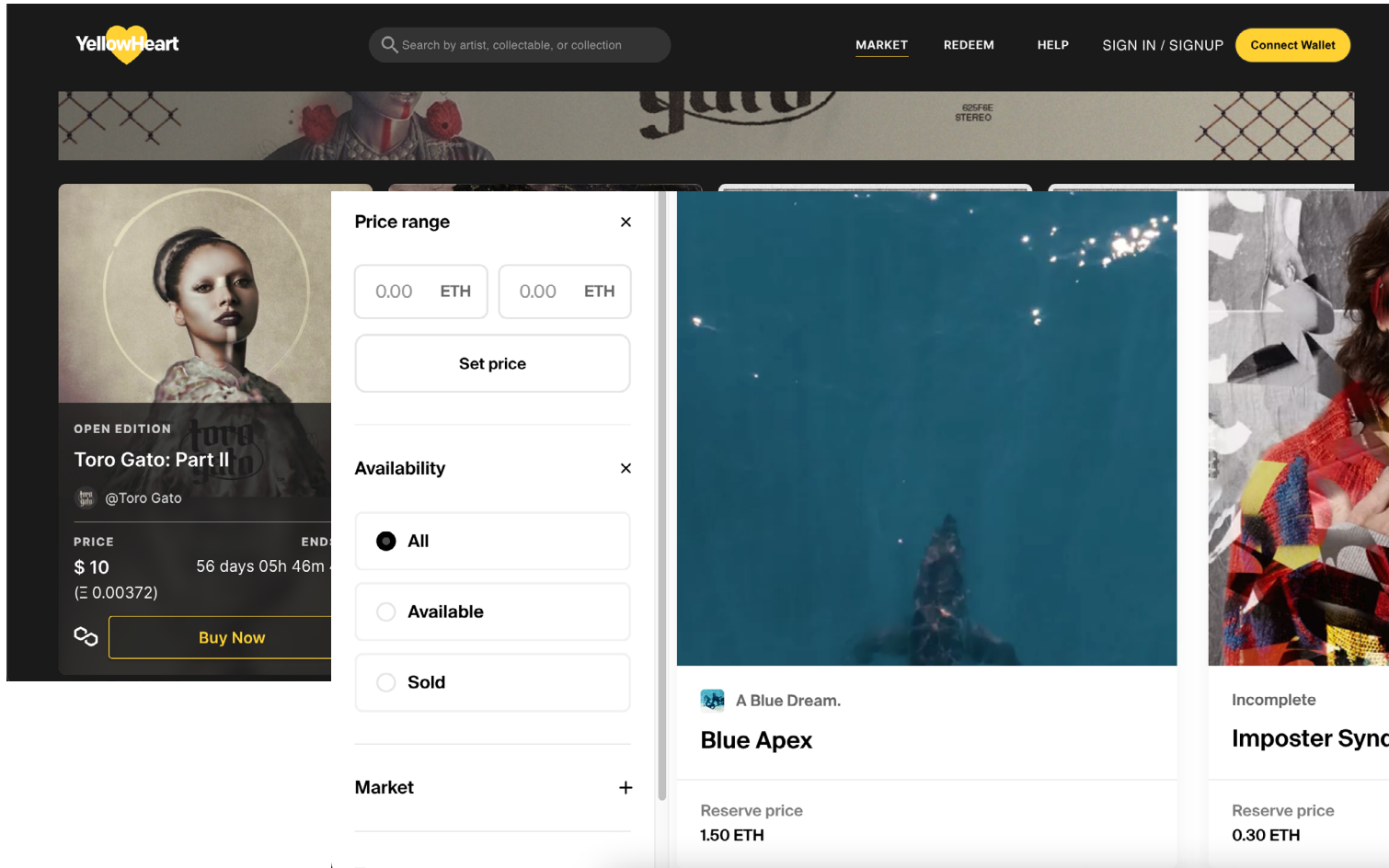
NFT Works

- A unique digital artwork.
- An in-game item.
- A ticket that gives you access to an event or a coupon.
- A domain name.
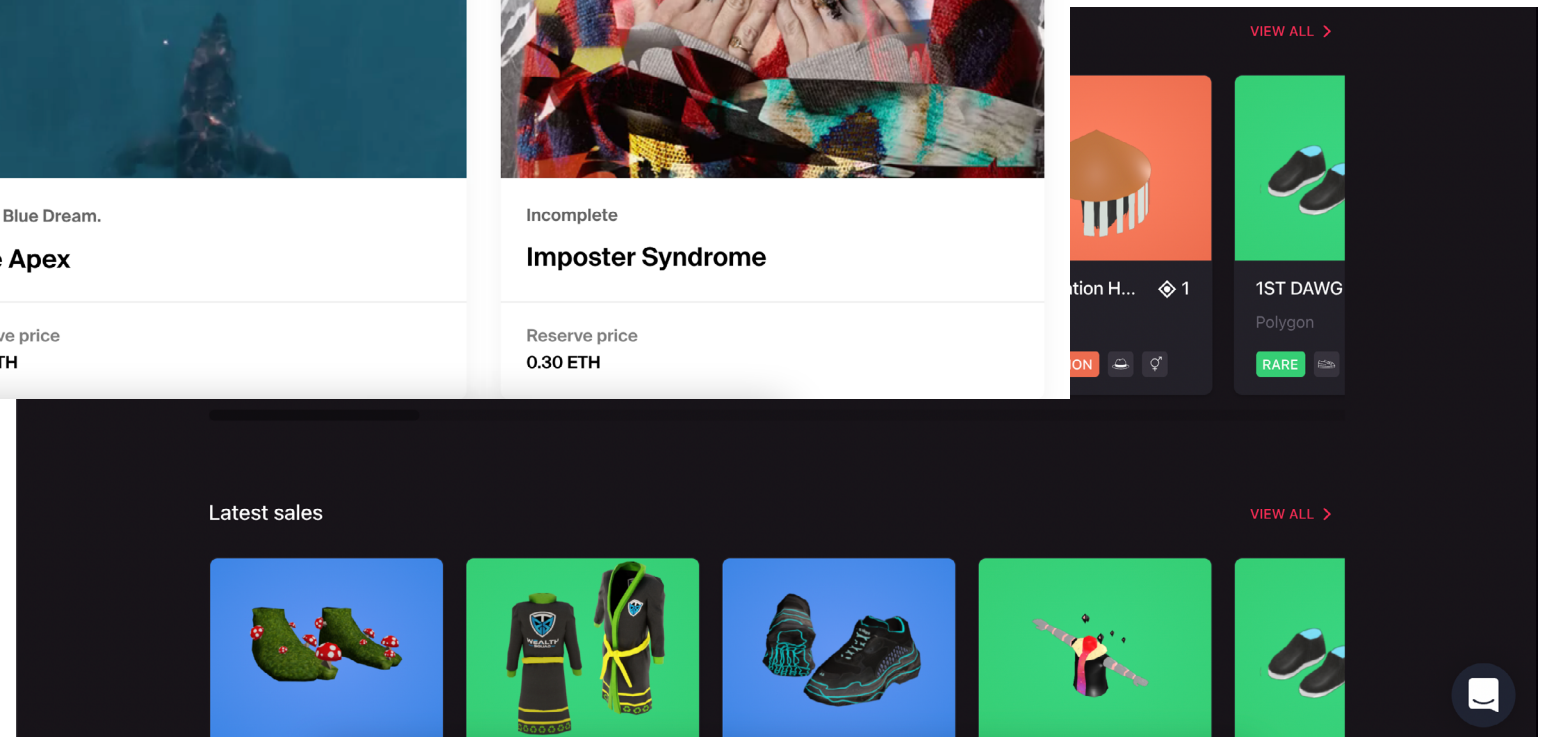
Bloemenveiling
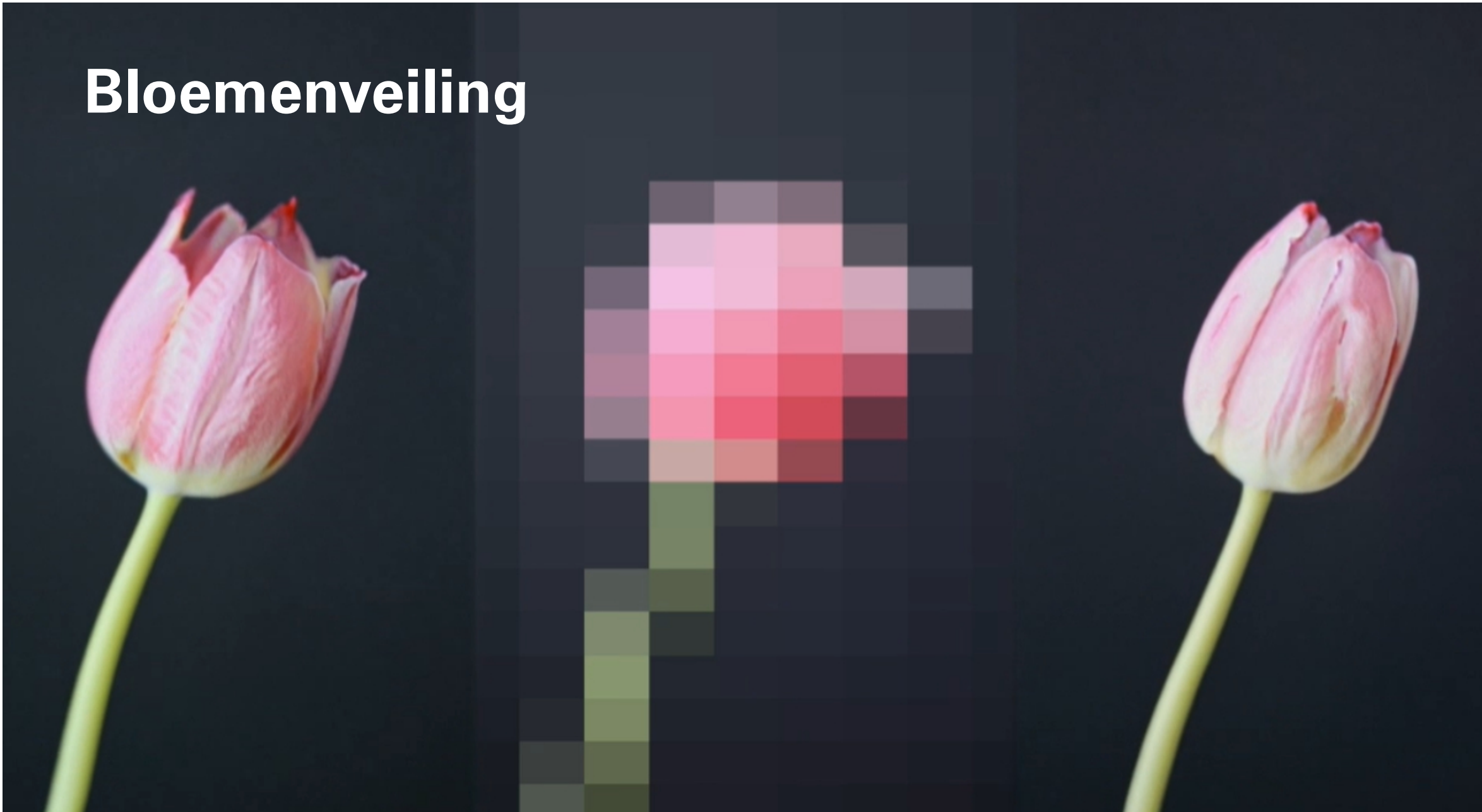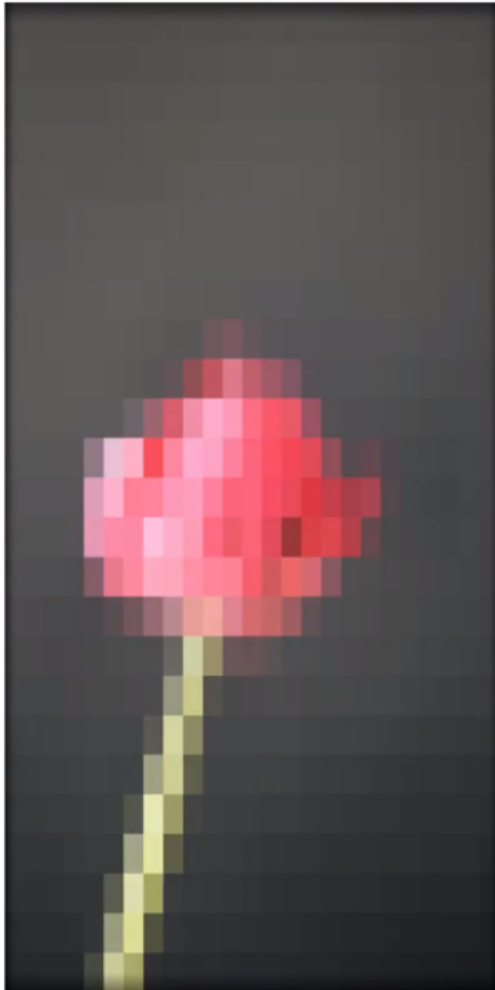
#001 Auction Complete

BIDS

05/05/2019, 20:17:58	0x16e6…0325	ETH 0.3
05/05/2019, 20:13:47	0x16e6…0325	ETH 0.25
05/05/2019, 20:13:26	0x16e6…0325	ETH 0.2
05/05/2019, 20:08:21	0xe4ca…a0f4	ETH 0.15
05/05/2019, 20:04:16	0x0e9e…b362	ETH 0.1

Auction

When people bought tulip bulbs during the tulip mania, they didn't know what the final flower would look like. To simulate this situation, the author made a mosaic of the flowers in the auction.

Thanks !