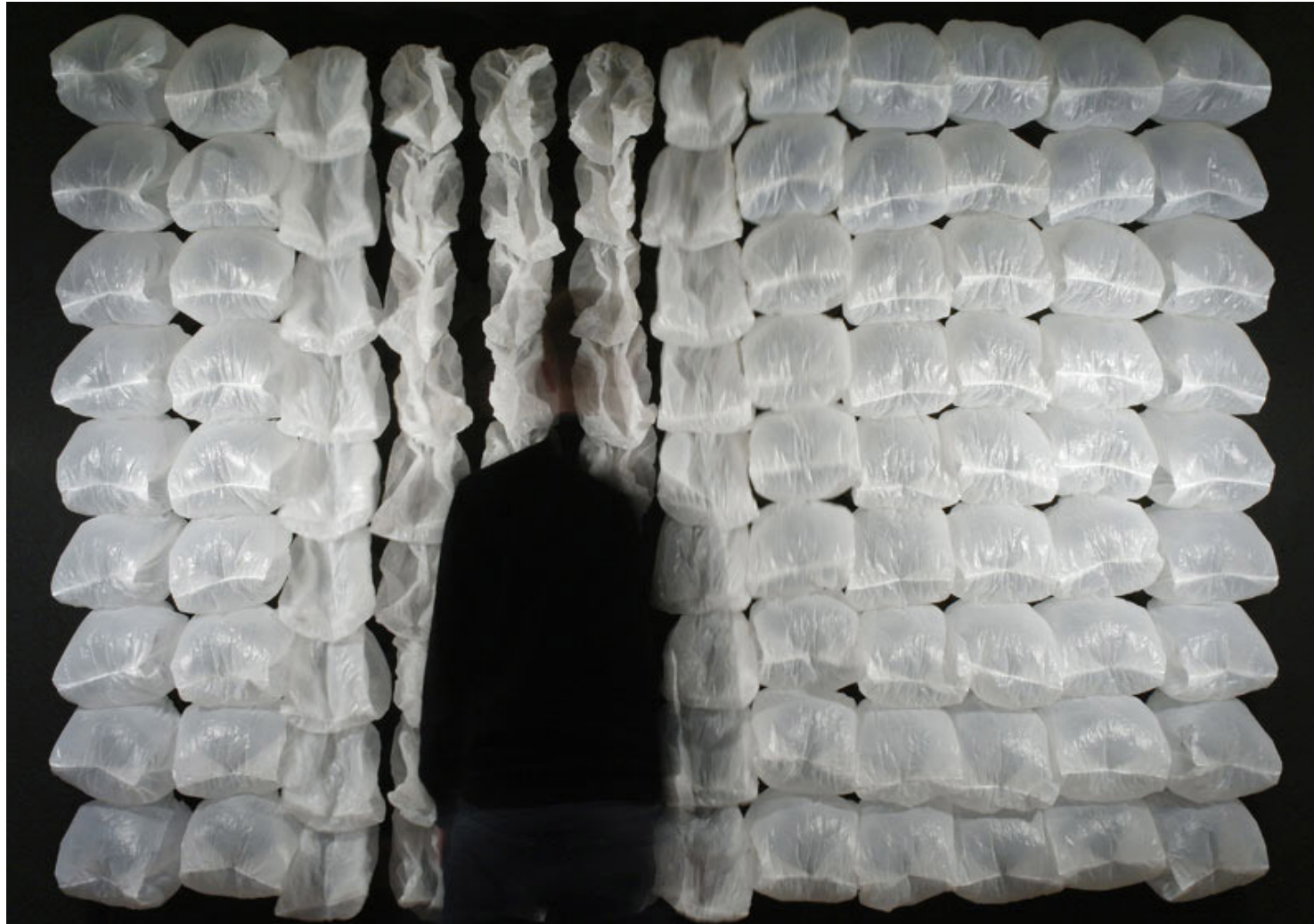


NIELS VÖLKER

ONE HUNDRED AND EIGHT

interactive installation made from
garbage bags and fans

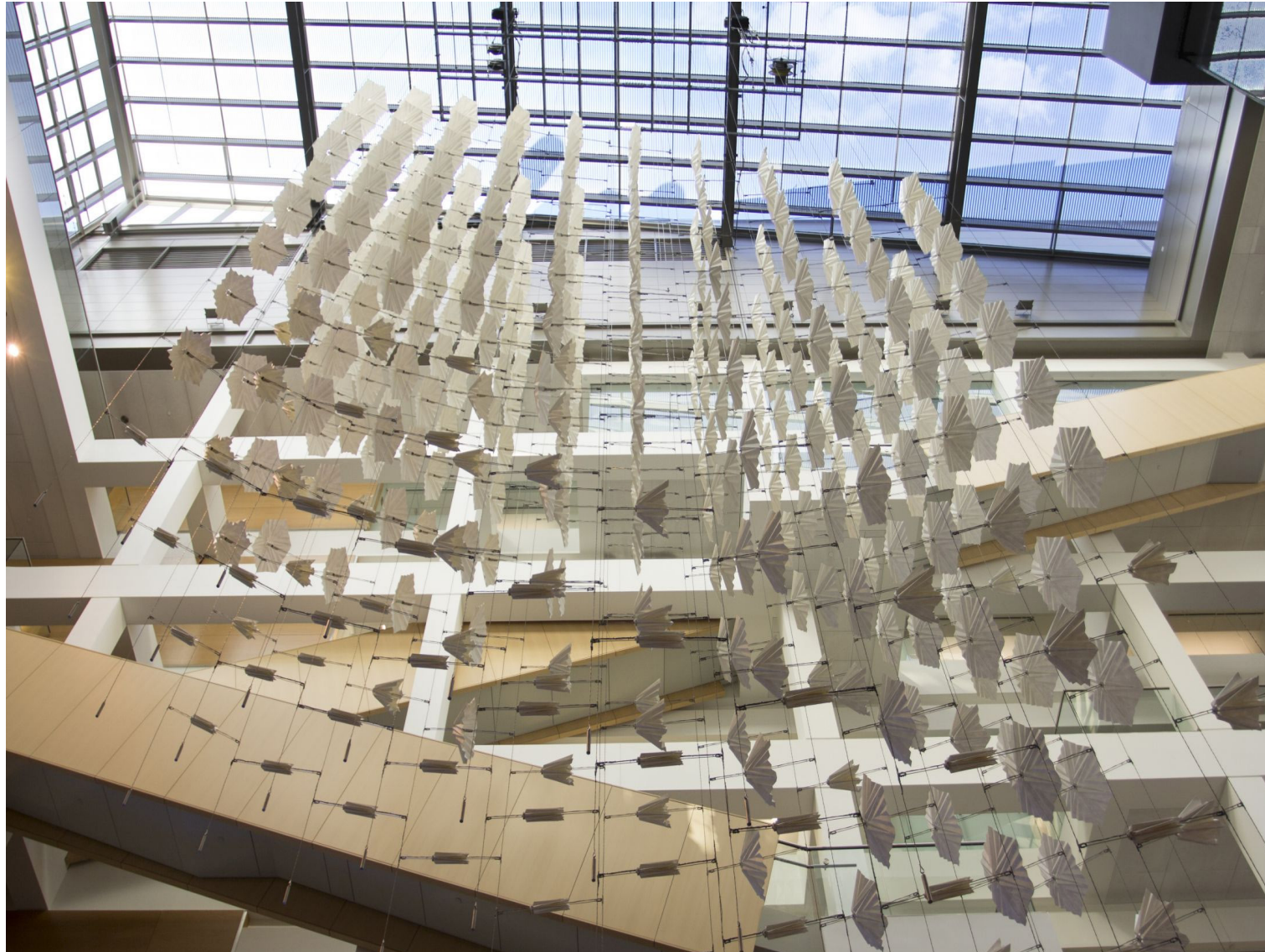


One Hundred and Eight is an interactive wall-mounted Installation mainly made out of ordinary garbage bags. Controlled by a microcontroller each of them is selectively inflated and deflated in turn by two cooling fans.

Although each plastic bag is mounted stationary the sequences of inflation and deflation create the impression of lively and moving creatures which waft slowly around like a shoal. But as soon a viewer comes close it instantly reacts by drawing back and tentatively following the movements of the observer. As long as he remains in a certain area in front of the installation it dynamically reacts to the viewers motion. As soon it does no longer detect someone close it reorganizes itself after a while and gently restarts wobbling around.

<http://nilsvoelker.com/content/onehundredandeight/index.html>

Diffusion Choir – a stunning kinetic sculpture that uses 400 folding elements to stimulate the movement of a flock of birds



Diffusion Choir” is a kinetic sculpture that simulates the movement of an invisible flock of birds. In this video by Sosolimited, the design studio behind the project, you can see the flock in action. The “birds” are white hexagons made of fabric that hang in garlands from the ceiling. When a hexagon opens and closes, it looks like a bird flapping its wings. Each piece can move independently, and they work together to make patterns. It’s controlled by software running a flocking algorithm.

<https://www.youtube.com/watch?v=Kp4AVausZ10>

[https://www.creativeboom.com/inspiration/mesmerising-kinetic-sculpture-that-mimics-the-movement-of-a-flock-of-birds-/](https://www.creativeboom.com/inspiration/mesmerising-kinetic-sculpture-that-mimics-the-movement-of-a-flock-of-birds/)