



9 June 2016

The boundary between Science and Arts in Blurred in Watermans next exhibition by Emmy Award and Lumen Prize-winning artist Andy Lomas

Why are things the way they are? And how do apparently random organic processes lead to beauty and even geometry?

Andy Lomas pursues these fascinations in his work. He takes inspiration from the way nature creates, mimicking these apparently random systems through algorithms in the computer world to create new forms.

The forms that result may seem alien or strangely familiar, disturbing or beautiful, evocative or eerie. And importantly they can make us rethink how we see design. Rather than starting with a vision, as with most design, here the process of creation itself leads to something completely new.

But these forms aren't fixed. Just as in nature, tiny changes to the algorithm can produce huge changes in the outcome, resonant of similar changes in the natural world: the change in sea temperature or our own DNA.

And most simply, we are seeing here the beauty of the actual data being presented before us, as perhaps we've only started to imagine through the stories of the likes of Alan Turing.

The exhibition presents work from three different phases of the artist's exploration with this cellular growth system: from the simplest structures 'Cellular Forms'* and 'Plantlike Forms'** to the more complex 'Hybrid Forms'***.

The emergent structures are presented in a variety of techniques, from stereo vision, 3D printing and animated holographic imagery. 2D prints present the highest resolution of detail. Animated videos show the progression through different intermediate states as the structures grow.

Listings Details

Morphogenetic Creations by Andy Lomas

13 June – 21 July 2016, 10am-9pm, FREE

At Watermans: 40 High Street, Brentford TW8 0DS

Box Office: 020 8232 1010

Website: www.watermans.org.uk



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Artist Biog

Andy Lomas is a digital artist, mathematician, and Emmy award winning supervisor of computer generated effects. His morphogenetic creations explore how complex sculptural form can be created emergently by using digital technology to simulate growth processes. Inspired by the work of Alan Turing, D'Arcy Thompson and Ernst Haeckel, it exists at the boundary between art and science.

He has had work exhibited in over 50 joint and solo exhibitions, including SIGGRAPH, the Japan Media Arts Festival, the Ars Electronica Festival, the Los Angeles Center for Digital Art, the Centro Andaluz de Arte Contemporaneo and the ZKM. He has work in the D'Arcy Thompson Art Fund Collection, and was selected by Saatchi Online to contribute to a special exhibition in the Zoo Art Fair at the Royal Academy of Arts.

In 2014 Cellular Forms won The Lumen Prize Gold Award, as well as the Best Artwork Award from the A-Eye exhibition at AISB-50, and an Honorary Mention from the jury at the Ars Electronica Festival.

In 2015 Hybrid Forms was released as an invited exhibit for the European Conference on Artificial Life, where Andy Lomas was also invited to give one of the keynote presentations.

His production credits include Walking With Dinosaurs, Matrix: Revolutions, Matrix: Re-loaded, Over the Hedge, The Tale of Despereaux, Avatar, and he received Emmys for his work on The Odyssey (1997) and Alice in Wonderland (1999).

About Watermans

Watermans is West London's major Arts Centre, comprising an independent cinema, theatre, gallery and studio spaces. It has a year-round programme of new media arts exhibitions and events. To find out more head to www.watermans.org.uk.

Or more information contact erica@watermans.org.uk



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