

JESSICA NOBLE

LONDON

PRESS RELEASE

December 2013

3D PRINTED CHRISTMAS STAR UNVEILED AT LONDON'S SCIENCE MUSEUM

London Jewellery Designer, Jessica Noble has had the exclusive privilege of designing this dramatic star to adorn the Directors Christmas Tree at London's internationally renowned Science Museum.

A collaborative project with Renishaw and EPSRC (Nottingham University), it is made from 3D printed Nylon, 97 3D printed Titanium stars and Carbon Fibre rods. It was revealed at the Science Museum by Director Ian Blatchford on 10th December 2013.

Intrigued by the developments in 3D printing and having spent the last 12 months researching and exploring the creative capacity for this technology, Jessica has designed The Mandelbrot Christmas Star to celebrate how 3D Printing can offer great advantages in creativity, design and production. The design is a dramatic showcase of the 3D printing process, harnessing the ability to create intricate repeating forms that could be considered unviable by traditional hand techniques.

Exploding into the surrounding space, its recurrent pattern was born from the visual beauty of fractal shapes.

Based around the self-repeating forms found within the Mandelbrot Set, through the advantages of 3D

printing as a production method, the design embraces how the undulating patterns and repetitive forms combine together to create a harmonious whole.

Jessica graduated in Jewellery and Silversmithing from the Cass School of Art, London in 2013, and has been awarded several industry awards for craftsmanship, innovation and design.

This year Jessica has launched her own studio, Jessica Noble Design, specialised in designing and making fine jewellery collections with an on trend and playful edge.

Jessica's design processes combines integrity with fun and innovation, and with a trained background in both traditional craft and new technologies, Jessica has been working with 3D printing as

tool to enhance her existing design and production methods.

Jessica exhibits across the UK, works on commission to create individual pieces and also on freelance design projects.

The Mandelbrot Christmas Star will be on public display at the Science Museum from January 2014 to May 2014.

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