

Name: Jonathan Keep, Artist potter

## Press Release

For immediate release: 11 April 2012

General information

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### THE FORM IS IN THE CODE

#### 3D Printed Ceramic Pots

One of the oldest ways to make pots is with coils of clay and to build up the pot layer by layer. This is what artist potter Jonathan Keep is doing but combining it with very 21<sup>st</sup> century technology. By taking a RapMan DIY kit 3D printer and adapting it to print with clay Jonathan is printing pots created in computer code.

Computerised 3D printing is nothing new but the availability and price of printers is what has changed, to the point of becoming the kind of equipment you might find in a pottery studio alongside the potter's wheel. Jonathan has long used computer software to develop new ceramic forms. With an interest in the hidden numerical code that underpins all nature he has developed a working process whereby the shape of his pots are written in computer code. This digital information is then passed to the 3D printer that builds the form layer by layer – a kind of mechanical coil building.

"I have long wanted to get the virtual forms I was creating out of the computer and into the physical world as real ceramic objects to be felt and held in the hand. Touch is such an important sensation. This is an exciting new way to work" says Jonathan. The tradition of pottery has long drawn on nature for inspiration. In his work Jonathan Keep is not only working with the elemental forces of earth, fire and water but in the code he is also using the elemental mathematical patterns and structures that underlie all natural form.

For more online information see - [www.keep-art.co.uk](http://www.keep-art.co.uk)



#### Notes for Editors

- . Contact: Jonathan Keep, 01728 832901 (all day) [j@keep-art.co.uk](mailto:j@keep-art.co.uk)
- . Very happy to help with: High res images, press loan of actual work, interviews.
- . Jonathan Keep is a graduate of the Royal College of Art and in his thirty year career as an artist potter has gained a reputation for producing innovative and constantly developing work from his studio in Suffolk.

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