inside out

Rapid prototyping exhibition debuts in Australia at Object

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Opening 5 June 2010 Object will present the Australian debut of Inside Out, an exciting exhibition of miniature sculptures produced using rapid prototyping technology.

The exhibition features the work of 46 designers and artists from Australia, the United Kingdom and New Zealand. It is the result of a collaboration between six organisations including the Art Technology Coalition, the University of Technology Sydney and RMIT University in Australia along with De Montfort University, Manchester Metropolitan University and Dartington College of Arts at University College Falmouth in the United Kingdom.

Each sculpture in Inside Out has been created using 3D computer modelling software and is designed to fit inside a 6cm x 6cm x 6cm box. All of the sculptures originated as 3D computer models which were then made physical through the process of 3D printing.

Claire Smith, Principal Curator and Coordinator (Australia) said that the strength of the exhibition was that it allowed the artists and designers to explore emerging digital design technologies and the possibilities and challenges inherent in the new medium, the resin.

“Inside Out provided the opportunity for emerging and established artists and designers from analogue and digital backgrounds, to venture outside their usual medium and utilise rapid prototyping tools and methods which are generally unavailable due to the high manufacturing costs involved.

“It has been a particular challenge for those artists who had no prior experience with 3D printing. Some artists had never worked with 3D computer modelling before, let alone 3D printing” said Smith.

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For a majority of the artists involved in the exhibition, the installation in Object’s Project Space will be the first time they see their designs as physical objects.

Steven Pozel, Director of Object said that he was delighted Object could support such an innovative project.

“As a cultural institution, Object plays a vital role in providing a space for experimentation and innovation. Projects like Inside Out showcase the critical relationship between new technologies and creativity and provide audiences the chance to see groundbreaking technology that will shape our worlds of tomorrow” said Pozel.

3D printing company Formero proved to be an important industry collaborator in the realisation of Inside Out. The project was made possible because of their generous sponsorship in printing the 46 resin sculptures.

The exhibition at Object is the only chance for Australian audiences to see Inside Out. The show will then tour the United Kingdom at selected partner venues.

Inside Out will run in Object’s Project Space from 5 June – 25 July 2010. Mind and Matter: Mediations on Immateriality will run concurrently in the Main Gallery.

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