

MEDIA RELEASE

OUT OF HAND: MATERIALISING THE DIGITAL POWERHOUSE MUSEUM EXCLUSIVE



Fully Articulated 3D Printed Gown, 2013, Michael Schmidt (USA)
SIEF Small Jet Engine, 2014, Monash Advanced Manufacturing (Australia)
Perfect Forms, 2010–16, Barry X Ball (USA)

Experience the future of design and manufacturing technology at ***Out of Hand***, an exhibition exclusive to the Powerhouse Museum, Sydney, curated by the Museum of Applied Arts and Sciences (MAAS) and the Museum of Arts and Design, New York (MAD).

Opening on 3 September 2016, this cutting-edge exhibition will showcase over 90 artworks and objects materialised using new digital technologies and the world's best design practices. Exhibition highlights include designs created by 3D printing, digital knitting and CNC machining, technologies disrupting traditional manufacturing practices.

MAAS Director, **Dolla Merrillees**, says this is an exhibition with resonance across many industries.

“As the first generation of digital natives enter adulthood, this exhibition offers a look into technologies and techniques which once appeared futuristic and are now becoming available for you to employ yourself at home,” said Ms Merrillees.

“Working with the Museum of Arts and Design in New York, we’ve had the opportunity to explore the boundaries of design and manufacturing practice, with a particular focus on the Asia Pacific region. This exhibition ranges from pieces that are spectacular to those which are unassuming, but all with fascinating stories.”

MAAS curator, **Matthew Connell**, says the exhibition gives visitors a glimpse into the future.

“Technology and design on display in *Out of Hand* will shape tomorrow’s world. Visitors can experience new technologies and discover how their applications will impact our future lives,” said Mr Connell.

Pushing the application of 3D printing to new heights, see the world’s first 3D printed jet engine, created in Australia by Monash Advanced Manufacturing and demonstrating the capacity for a

vastly superior performance to weight ratio compared to existing jet engines. Bringing 3D printing into the everyday, examples of 3D printed clothing will be on display including a Michael Schmidt design originally modelled by Dita Von Teese.

Other works showcase how digital technology can record and reinterpret ancient artworks, unrealised designs and fossils without tampering with them, used to dramatic effect in the reimagining of Umberto Boccioni's 1913 Futurist work *Unique Forms of Continuity in Space* by American artist Barry X Ball's *Perfect Forms*. Also on display for the first time will be the most recent MAAS acquisition; the Iris van Herpen *Bubble Dress* from the AW2016 collection which uses wearable mirrors to create the illusion of moving bubbles.

Out of Hand opens during the annual **Sydney Design Festival**, which celebrates the best of design and runs at venues across Sydney from 2 – 11 September. This year's festival theme is Make or Break and will examine the role of commercial success for designers and the trend for deconstructed production methods.

Exhibition details:

What: *Out of Hand: Materialising the Digital*

<https://maas.museum/event/out-of-hand-materialising-the-digital/>

When: 3 September 2016 – June 2017

Where: Powerhouse Museum, 500 Harris Street, Ultimo NSW 2007

Images available for download from Dropbox:

https://www.dropbox.com/sh/vd1reibcz5p2b6y/AADiXQINmr93_6E2xY5ktGbea?dl=0

Sydney Design Festival

2 – 11 September 2016

<http://www.sydneydesign.com.au>

About the Museum of Arts and Applied Sciences

The Powerhouse Museum, alongside Sydney Observatory and Museums Discovery Centre, is part of the Museum of Applied Arts and Sciences (MAAS), Australia's contemporary museum for excellence and innovation in applied arts and sciences. The Museum of Applied Arts and Sciences has a vast and diverse collection of over 500,000 objects.

For media enquiries, contact:

Eli Wallis, Senior Publicist | eli.wallis@maas.museum | 9217 0564 / 0402 359 016