

MEDIA ALERT – 21 May 2014

Public lecture to peel back layers on 3D printing

Revolutionary, amazing and claims it will change the world. It seems that everyone is excited about 3D Printing, but do you know what the fuss is all about?

The ARC Centre of Excellence for Electromaterials Science (ACES) is at the forefront of medical bionics engineering, and also works closely with industry to help them use the technology to create new products and manufacturing processes.

ACES will host a public event at **5pm, 10 June 2014 at the Powerhouse Museum, Sydney**, to share information on the advances that have already been made, as well as discuss the potential impact the technology will have on our lives.

“3D printing enables us to change the way we approach diverse areas that span manufacturing, medicine and artistic design. It seems everyone who gets to know how it all works has their own take on where it can be most useful,” ACES Director Professor Wallace said.

“Within a few years, we believe it will be possible to assemble cell containing structures that function like living tissue. Using a patient’s own stem cells to create such structures has benefits. It is feasible that in future, complete functional organs, tailored for an individual patient, will be possible,” he said.

“The event draws together experts from diverse backgrounds – a surgeon, an ethicist, a scientist, an artist and a specialist 3D printer developer – to explain to the community how the technology is changing the way they work, and its potential to enable further innovations in the future,” he said

Professor Wallace will headline the event which will be hosted by award winning science writer and ABC broadcaster, Bernie Hobbs. Other presenters include:

- **Director of Orthopaedics at St Vincent's Hospital Melbourne, Professor Peter Choong.**
- will explain the how 3D printing is revolutionising approaches to surgery.
- **ACES Ethics Program Leader Professor Susan Dodds.**
- will talk about the ethical issues associated with bionics and nanotechnology development.
- **ANFF Additive Fabrication Manager at ACES Dr Stephen Beirne.**
- will discuss how 3D printing technologies are breaking down creative barriers.
- **Award winning Australian artist Louis Pratt.**
- will explain how 3D printing has helped him to express his ideas through sculpture.

The event will also feature live printing demonstrations.

Tickets are available at www.3dprintsydney.com

Interviews with speakers are available. Please contact Natalie Foxon Phillips 02 4221 3239
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