

MEDIA RELEASE

12 November 2014

Turning Graphene into Gold

Mining companies will mix with materials experts in Adelaide tomorrow, to learn about opportunities to partner with experts at a new production powerhouse for the 'wonder material', Graphene.

Stronger than steel and more conductive than silver, Graphene has promised great things since it was discovered around a decade ago when scientists saw the potential to provide improved medical, electrical, thermal and barrier properties to a range of existing materials.

Although scientists have long known the potential of graphene, it was only in the last few years that researchers at the ARC Centre of Excellence for Electromaterials Science (ACES) have developed a breakthrough process to make graphene dispersions without any added surfactants, making the material useable for structures requiring ink-jet printing, spray coating or 3D printing.

The ACES-developed process for producing graphene has been awarded four separate patents from Japan, the USA, Australia and the EU.

At a networking breakfast to be held at the InterContinental Adelaide tomorrow, attendees will learn about opportunities to benefit from breakthrough graphene processing technology.

ACES Director and leader in the graphene field, Professor Gordon Wallace, says the event aims to establish an Australian network that can maintain global leadership in all aspects of graphene developments.

"ACES provides a core of fundamental research in graphene that is acknowledged as world-leading, plus facilities and expertise to successfully scale-up chemistries and fabrication useful devices," Professor Wallace said.

"This national series of events brings together researchers and industry to ensure Australia leads the word in graphene research and commercialisation as well as training of the next generation."

Hosted by Associate Professor Peter Murphy from University of South Australia, the event also features Professor Dusan Losic from The University of Adelaide, Professor David Officer from ACES at the University of Wollongong and Christopher Darby, CEO of Valence Industries.

Media Opportunity:

Celebrating Carbon breakfast networking event

Thursday 13 October, 7.30am – 9.00am

InterContinental Adelaide, North Terrace, Adelaide SA

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