



## Invitation

# Advanced Manufacturing Technologies

Breakthrough product and process opportunities through collaboration with CSIRO



Australia's leading science agency, CSIRO, has a major focus on technology platforms that will contribute to the transformation of manufacturing in Australia.

At this FREE EVENT, you will hear from leading CSIRO Researchers about advanced manufacturing technology opportunities that can make a difference to your business.

You will also learn about sources of funding support for R&D and other business advice from Department of State and Regional Development, Enterprise Connect, City of Ryde and other programs.

Participants may also register for a FREE TECHNOLOGY CONSULTATION with one of CSIRO's experienced technology & innovation advisers.

### Technology Briefings

<p>Polymer powder coating and adhesion          Revolutionary processes to enable replacement of metals with plastics, reduce costs and reduce environmental impact – for automotive, appliances, consumer products</p>	<p>Dr Voytek Gutowski          Sustainable Polymeric Materials          Materials Science and Engineering</p>
<p>Cold gas dynamic spray technology          New process for titanium and other metal coatings and direct additive manufacture of hard-to-fabricate components – new products, reduced cost and environmental impact</p>	<p>Dr Mahnaz Jahedi          Particulate Materials and Processes          Light Metals Flagship</p>
<p>Bio-derived polymers          New plastic materials and composites from crops, agricultural wastes and residues, to replace petrochemical-based polymers – packaging, building materials and other products</p>	<p>Dr Phil Casey          Sustainable Polymeric Materials          Materials Science and Engineering</p>
<p>Lightweight motors          Advanced reluctance electric motors for lightweight, low cost, high efficiency, robust motor applications for appliances, industrial and commercial products</p>	<p>Dr Howard Lovatt          Manufactured Devices          Materials Science and Engineering</p>
<p>Printable electronics          Ink-jet printable sensors using nano-particle inks for electronic and sensing applications – biomedical, strain gauges and other physical and chemical sensor possibilities</p>	<p>Dr Lech Wieczorek          Analysis at Point of Sampling          Future Manufacturing Flagship</p>

Date & Time	8.00am – 1.30pm (inc light lunch), Thursday 21 May 2009
Venue / Location	Enterprise Connect, NSW Manufacturing Centre Building 91, 14 Julius Avenue, North Ryde 2113 [Carparking available at the venue or catch the new TRAIN to North Ryde station - only 5mins walk to Julius Ave]
Event Host	CSIRO
Speakers / Presenters	CSIRO Department of State and Regional Development Enterprise Connect City of Ryde
Cost	FREE
Contact	Ron Mack, CSIRO Technology & Innovation Adviser Tel (03) 9545 2974 Mobile 0412 816 100 Email <a href="mailto:ron.mack@csiro.au">ron.mack@csiro.au</a>
Registration	Register online at <a href="http://www.smallbiz.nsw.gov.au/westernsydney">www.smallbiz.nsw.gov.au/westernsydney</a>