

## Seminar for Manufacturers of Steel Products

# Competitive Manufacturing in Australia

The Australian Steel Institute invites you to attend the upcoming Competitive Manufacturing in Australia seminar. This is a unique opportunity to

- Hear from three leading authorities in their individual fields, that understand steel.
- Identify practical steps to improve the competitiveness & compliance of your business.
- Tap into expertise that will enable immediate improvement opportunities.
- Network with your peers in the steel products manufacturing sector.

### Three excellent speakers that understand steel

- *State-of-the-art in robotic automation of industrial welding and the application of Industry 4.0 to Australian manufacturing businesses* – Associate Professor Stephen van Duin, University of Wollongong
- *The Australian Anti-Dumping System* – John O'Connor, Principal, John O'Connor & Associates
- *Chain of Responsibility Obligations for Transport & Logistics* – Adam Vrahnos, Lawyer Holding Redlich Lawyers

### Registration Fee

ASI Member \$20 per head

Non-member \$30 per head

Drinks and canapes served from 5:30pm

### Event Details

Date: Wednesday 20<sup>th</sup> June

Time: Registration from 5:30pm, presentations commence at 6:15pm sharp

Venue: Kingston Suite, Rydges Paramatta, 116 James Ruse Drive Rosehill, NSW

Register on-line at:

<http://steel.org.au/events/asi-events/seminar-competitive-manufacturing-in-australia/>



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## About the speakers:

### Associate Professor Stephen van Duin



In 1991 Stephen started his early career in the heavy steel industry but soon moved to academic research for the love of all things automation. He has worked in food processing, farming, aerospace and mining sectors but now finds most of his research within Defence manufacturing. He currently leads a multimillion-dollar national research program for the Defence Materials Technology Centre and in his spare time leads an automation research group at the University of Wollongong.

Industrial robotics is Stephen's area of expertise however this is just one spoke of the Industry 4.0 wheel which we can use to transform our businesses, our public spaces and even our personal lives.

Manufacturing in Australia is challenging. Slow technological change within businesses, a decline in STEM skills and the tyranny of low volume manufacture means the uptake of digital technology is lagging the rest of the developed world. We are well within the age of Industry 4.0 yet most people in this country are not even familiar with that term.

The content of this talk focuses on the concept of digitisation in business, the role of data analytics, cyber physical systems and their application to manufacturing. The case studies used are real examples of where automation has transformed the way a workplace operates, and more importantly, the opportunities it unleashes.

### John O'Connor

John has worked with many different manufacturing businesses to assist them in understanding the Australian Anti-Dumping System. He consults to a wide range of Australian companies in helping with the preparation and lodging of anti-dumping cases.

John brings a wealth of experience in the understanding and navigating of this complex but important aspect of government policy.

### Adam Vrahnos



Adam works with businesses right across the supply chain, including those in shipping, logistics, road transport, commodities and offshore sectors, with a particular focus on the heavy vehicle Chain of Responsibility regime.

He regularly provides commercial and regulatory advice to a variety of businesses and their executives on the Chain of Responsibility laws and assists those businesses with the development and implementation of compliance frameworks to ensure successful integration along the Chain.

Adam is a lawyer in Holding Redlich's national Transport, Shipping & Logistics group.

Adam is also experienced in commercial litigation and dispute resolution, having acted and advised transport businesses facing investigations and prosecutions brought by the Roads & Maritime Service.