

CASTINGS

NEWS & VIEWS

JUNE 2018

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CTNZ Industry Champion Report

Our Chairman; Dean Armiger is to resign from CTNZ board at the AGM in August as he is no longer associated with the industry. Dean will be missed as he has contributed greatly as a board member and as Chairman of CTNZ board and also to forming the unit standards for metal casting with Competenz. CTNZ Constitution states that 'the chairman is elected by the board at the first meeting of the board after the AGM'.

Therefore we will require nominations for a replacement board member. Nomination forms will be sent out prior to the AGM. In our last newsletter I mentioned that HERA had increased their accounting fees due to restructuring of their systems. As a result we looked for another accountancy company and with the help of Peter Penman we have now engaged Price Campbell & Co Chartered Accountants from Taradale. The transition has gone well and they will also audit the accounts for the AGM booklet as per the revised constitution.

CTNZ have been members of Metals NZ since its inception but the question has now been raised about the value of our membership and the increased annual fee. Metals NZ was formed as the overarching body for the metals industry in NZ and it has been successfully lobbying against cheap and non-compliant imported steel products mainly in the structural steel section. To date we have not been aware of any CTNZ members concern that could be acted on. This membership will be a subject for discussion at the AGM.

Emex 2018 proved to be a worthwhile effort for two of our members who exhibited. They were Skellerns Metal Castings represented by Joe Crowther, Casting Shop represented by Ian Close and CTNZ by myself. The stand was extremely busy on all three days of the exhibition with both Joe and Ian having private meetings with several prospective customers. For a relatively low cost this is a good medium to get your products noticed and I hope CTNZ will support another stand at EMEX 2020.



Our conference organisation is now well underway with excellent support from our sponsors and a good number of registrations already received.

I would like to receive your nomination for this year's Industry Award which will be presented at the Banquet dinner. This award is for outstanding service or contribution to the foundry industry and has been sponsored by Pyrotek.

I look forward to meeting you again for an enjoyable weekend in Napier.

Bill Lovell
Industry Champion

2018 Conference;

Our annual conference for 2018 is to be held from 10th to 12th August in Napier.

'Metal Casting – A Science not an Art'



This year's conference will officially start on Friday afternoon with a field trip to the Ravensdown Fertiliser manufacturing plant at Awatoto a short distance from Napier. Ravensdown is the largest supplier of fertiliser in New Zealand, directly supplying more than half of all the fertiliser used in New Zealand agriculture.



We will return to the hotel at approximately 4pm and at 6pm our Chairman, Dean Armiger will welcome us in the Gatsby Room for drinks and canapes (sponsored by Prime Trading Ltd)

You are then free to make your own arrangements for dinner.

On Saturday morning we will return to the Gatsby Room for the delegates program. Dean will welcome all delegates and speakers and introduce Dr John Pearce for his topic 'Metal Casting – a Challenge for Electron Microscopy'

Dean Armiger will then present on 'The Twilight Hours of a Foundry' followed by Bruce Jackson who will be discussing 'Synergies between 3D Printing and the Foundry.'

After morning tea (sponsored by IXOM Operations Pty Ltd) Eric Buckley from the Australian Die Casting Association will present 'Die Casting Quality Measurement, Monitoring and Training'

Mickael Dernoncourt from CWF Hamilton will talk on 'What is Industry 4.0 for the Foundry Industry' then lunch will be served in the Gatsby Room (sponsored by FOSECO)

Dr John Pearce will speak on his second subject 'Alloy White Irons for Wear and Heat Resistance' and then Warwick Downing from the RAM 3D Group will present 'Full Strength Metal 3D Printing'

Afternoon Tea (sponsored by Skellerns Metal Castings) will be followed by Damian McGuckin's 'Improving Cast Microstructure using External Fields'

At this stage our last two speakers Irawan Hariyanto (Magma Asia) and Dr Boaz Habib (HERA) still have to confirm their topic title.

After a morning shopping in Napier's iconic art deco shops our partners will be catered for with a get together lunch at 'Mister D' a popular Napier restaurant close to the Hotel. Mister D is a little bit country and a little bit rock & roll. They believe in fresh, local produce delivered with great service but no fuss.



At 4:50pm Dean will sum up and we will assemble at 6pm in the hotel foyer for transport to Church Road Vineyards. We have booked the Tom McDonald Cellar preceded by pre-dinner drinks and canapes (sponsored by IXOM Operations Pty Ltd) We then move to the lower cellar area for the banquet dinner (sponsored by Glucina Alloys Ltd)



On Sunday morning we return to the Gatsby Room at the Masonic Hotel for the CTNZ Annual General Meeting followed by morning tea and Dr John Pearce's last presentation 'Control of Microstructure and Properties of Casting by Heat Treatment' The venue is the iconic Art Deco Masonic Hotel in the centre of the art deco capital and as accommodation is in high demand all year round I would strongly recommend you reserve your accommodation early.

Details for accommodation as follows;

The hotel is holding rooms for us for a limited time (**June 30th**)

- Superior single: \$159.00
- Superior Queen: \$179.00
- Superior King \$189.00

In order to receive your discount, use the booking code: 62695

The Masonic Hotel phone is 06 8358689 or email stay@masonic.co.nz

The hotel also owns the Expressotel which is a 7 minute walk from the Masonic Hotel, phone 06-835 3373 or email stay@expressotel.co.nz.

Queen, twin and park side studios \$139.00

Park side king \$159.00

(All prices include gst)

Expressotel is a 5 minute walk from the Masonic.

Sponsorship for the conference has also been received from; Metcast, CWF Hamilton, AXIEO, AXIEO-Manusco and Pyrotek CTNZ thanks all our sponsors for their contribution in making the conference successful.

Registration details and the draft program are on our website.

Please contact Bill Lovell if you would like more information.

Employment - Job Vacancies

Recently I have received three employment application enquiries.

Gabriel de Klerk, a Metallurgical Engineer currently working as an Operations Manager in Cape Town, South Africa and planning to visit NZ later this year.

Email;gdeklerk86@gmail.com

Herbert Toth, a Brazilian metallurgical engineer currently working as specialist metallurgical engineer at Voith Foundry São Paulo.

Email;herbert.toth@hotmail.com

Nadeem Badat, a Production Manager currently working in an aluminium foundry in South Africa. Email;nadbadat@gmail.com

Conferences and Events

CTNZ Annual Conference

Where: Art Deco Masonic Hotel, Napier

When: 10th – 12th August 2018

AFI 54th Australian National Conference

Where: Sea World Resort, Gold Coast, Queensland.

When: 12 – 14 October, 2018.

7th International Foundry Conference & Exhibition (IFCE – 2018)

Where: PC Hotel, Lahore, Pakistan

When: 14th – 15th November 2018

Carlton Taylor Auction

Carlton Taylor Industries Ltd liquidation auction is being held onsite 11am Thursday 28th June 2018 at 18 Tanya St, Bromley, Christchurch. View 9am – 4pm on Wednesday 27th June and from 9am on auction day.

There are over 300 items including; Hitachi Seiki CNC Lathe, Index ABC Type CNC Turning Centre, Dekel Maho Horizontal Machine Centre, Luxcut CNC Vertical Machining Centre, Vertical 250 Ton Downstroking Hydraulic Press, Bently 125 Ton Press, High Pressure Aluminium Die Casting Foundry, Tochu Bead Blaster, Cummins Integrated Electric Generator (360KVA/280KW, 50HZ Prime Power Provisor - 990 hrs, Foundry Shop Plant & Equipment, Manufacturing Plant & Equipment, Factory Sundries, Motor Vehicles, CNC Machine Shop Equipment, Office Equipment & More.



For more photos and catalogue visit www.mainlandauctions.nz
Phone; 03 366 8532 or 021 449 334

Bradken Runcorn Site Sale

Bradken has been manufacturing iron and steel parts for mining and construction equipment on the Runcorn site for more than 60 years, having purchased it in 1955. Operations at the foundry expected to cease by mid to late next year. Operations at the Runcorn foundry have been in decline since 2012 as a direct result of the mining downturn and high costs of manufacturing, which is why the property is being divested, according to Bradken's Executive General Manager for Mobile Plant Brad Ward. "Our products compete at a global scale and the high cost of manufacturing in Australia, means keeping these operations running is not sustainable," Mr Ward said. "Like all businesses, we have to continually look at how our operations can remain competitive. We compete in a global market and have to deliver value to our customers." Bradken's Australian foundries in Ipswich and Wodonga, Dunedin in New Zealand and Xuzhou in China have the capacity and space to take on the work currently being completed at Runcorn and Mackay. "Our focus now is on making sure we look after our people who are impacted by this change," Mr Ward said. We are supporting them with the skills to cope with this change and transition to new roles, where they might be available within Bradken, and also externally. Bradken employs about 3000 people worldwide, with about 400 in Queensland.

The Runcorn sale will impact about 150 jobs and Mackay about 5 jobs. Bradken will still have a presence in Queensland with foundry and machine shop operations at Ipswich and other offices at Innisfail, the Port of Brisbane and Northgate. Bradken will retain a presence in Mackay after the sale of its existing site there.

HERA Innovation Course

A reminder that coming Innovation Ready, Set, Go! A leadership program designed to prepare you for your future. If you can answer 'yes' to any of the below questions, then this course is for you!

- Do you have a bureaucratic innovation process slowing things down?
- Do you have great ideas but don't know how to get them to market?
- Are you spending a lot of time on ideas that are going nowhere?
- Do you want to do more innovation, but don't know where to start?
- Has your innovation process gone stale and in need of a refresh?
- Do you need to change direction in your production development?
- Are you being disrupted by competitor products?
- Do you want to learn more quickly about what works and discard what doesn't?

Attending this course gives you exclusive access to world renowned speakers in areas of design thinking, innovation mind-set, culture for innovation, innovation metrics, strategy, best practice innovation capabilities and more! Focused on innovation, this program is based on lean start up principles and is an ideal vehicle to inspire entrepreneurship within your company so you can stop wasting time, get products to market faster, and maximise success. Prepare a next generation of innovation managers for your company or become one yourself - by connecting with high quality presenters who are the perfect tool to help take your ideas to the next level and convert them into reality!

Dates for 2018

Innovation-READY - 5 days over 5 months

Module 1 29 June - Creating the innovation mind-set

Module 2 26 July - The innovation process

Module 3 30 August - Innovating through ideation

Module 4 27 September - Innovation metrics

Module 5 25 October - Preparing an innovation strategy

Innovation-SET and Innovation-GO

Following the completion of Innovation READY, attendees then do Innovation SET and GO modules the following year. This looks to put theory learned into action through strategic plans and support to commercialise an identified product using lean start up methodology.

This course is exclusively for our members only!

Start date: Thursday 29 June 2018

Location: HERA House, Manukau Auckland

Register online: www.bit.ly/inovcourse

For more information

Contact: Dr Boaz Habib

Phone: +64 9 262 4753

Email: boaz.habib@hera.org.nz

Pia Williams | 6th Sense Innovation Director

Based in Australia, Pia has over 20 years' experience in the field of innovation, and is the founder of 6th Sense Innovation. Rising through the business world, she's worked for organisations such as Austrade (in South Korea), Unilever, Hasbro, and ING Direct where she managed their savings portfolio.

Recent challenges have ranged from residential roofing to de-contamination in auto assembly plants and designing best practice complaints-handling operating models. She'll be key to helping you unlock your innovation mind-set & processes.

Ordinary members: \$3450 (45% discount)

Affiliate members: \$4700 (25% discount)

Associate members: \$5335 (15% discount)

Have less than 50 staff? Cut costs in half with NZTE funding!

Adrian Packer | IMS Project Director

We're excited to have Adrian on board as our course facilitator. Having run over 30 business transformation programs, he brings a wealth of knowledge as a seasoned innovator with deep

experience in the New Zealand manufacturing sector. Other industry's he's worked in include food and beverage, oil and gas, utilities, health, local and central government and retail. Companies include Argus Heating, Goodman Fielder, Southern Cross Engineering and Allied Concrete. He's also a Lean Six Sigma Black Belt and NLP Master Practitioner to boot!

Justin Wilcox | TeachingEntrepreneurship.org
Founder

Based in America, Justin is a self-professed 'failed start up founder' turned customer development practitioner and successful founder of Teaching Entrepreneurship!

His passion is in the practical application of lean start up and customer development theories, to empower people and provide a scalable, experimental learning experience.

Exciting international speakers

We've partnered with the very best. Because we want to make sure that you're armed with expertise you can trust from leaders in the fields of lean start up principles, innovation and more. We're confident they'll be able to help you overcome existing barriers that have held you back in the past like cost and a lack of time or resources. Get Innovation READY - because it's time for positive change!

"Working with 6th Sense is a great experience as they always bring a fresh perspective to the way we look at our business, customers & challenges. We know our business so well that sometimes we need to bring in the 6th Sense team to hold a mirror up to us and help us see things in a different light.

Head of Service Capability and Strategy, BT Financial Group, Australia

"Years later, the participants at the Founders Institute still talk about the unprecedented impact Justin has on an audience. His interactive workshop was more accurately an assault on conventional thinking. He's one of the best teachers I've encountered, and it's a privilege to benefit from his insights.

Engineering Leader & Kauffman Fellow, Marcos Polanco

"IMS have helped us step back from the detail to see the potential of an effective 'new product development' process. We're developing our ability to think creatively, take the best ideas forward, quickly turn concepts into products that customers want and generate sales.

Argus Heating Limited Managing Director, David Selway

Board Members Email Contacts

Should you have any queries or require assistance, please feel free to contact a Board member.

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(Industry Champion/Secretary)