



20 *VISION* **20**

Visualising our future

20 - 21 February 2020

Auckland Grand Millennium, Auckland Room

Thursday
20 February

Speakers

Gijs Van der Velden

Has built a robotics startup from the ground up and now leads a fast growing innovation company, MX3D.

Leveraging his works on the first 3D printed steel footbridge in Holland, he'll share what the business case for 3D printing using robotic welding is for our NZ metals industry.

Des Watkins

Has taken his steel fabrication business through a truly transformative process. Developing a four-step end-to-end digital process, utilising 3D scanning, digital twins, augmented reality and automation.

Find out the practical steps he took to make it happen, and the real world benefits & impacts it delivered.



An exclusive workshop for our innovation cluster members.

We'll delve into horizon expanding content designed to make you think twice about how you currently run your business.

Agenda

Time	Program
12.45pm	Registration
1.00pm	Introduction HERA GM Welding Centre, Michail Karpenko
1.15pm	Business case for 3D printing using robotic welding MX3D CEO, Gijs Van der Velden
2.15pm	Afternoon tea
3.00pm	Business case for digitisation of your fabrication process Watkins Steel CEO, Des Watkins
5.00pm	Networking



Friday
21 February

7.00 - 9.00am

This morning session means minimal down time from tools - so consider coming with a group of colleagues to this affordable & rewarding session and start your day off right!

Skills crisis.
Labour shortages.
The future of work.
Attracting & retaining
future engineers.

They're massive challenges that Nation breakfast is determined to tackle.

Confronting and eye opening, you'll come face to face with a panel of future millennial engineers who'll speak frankly on their thoughts about our industry, and what it'll take for us to become their future employers.

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Is the future workforce on your mind?



Friday
21 February

Bringing together five of the world's top thought leaders for our industry.

They'll challenge you to explore what your future looks like, and their practical application.

Agenda

Time	Program
9.00am	Welcome HERA CEO, Dr Troy Coyle
9.10am	A futurist's view on steel Chris Riddell Be prepared for the opportunities and threats of disruption!
10.10am	Morning tea
10.40am	Steel bridge to the future MX3D CEO, Gijs Van der Velden Be prepared for inspiration!
11.40am	Lunch
12.40pm	Building a tribe Mike Hutcheson, Business Commentator Be prepared to build a tribe of passionate metal heads who innovate successfully!
1.10pm	Hook 'em & keep 'em - retaining staff HR Specialist, Alia Bojilova Be prepared to finally get your fair share of engaged and skilled employees!
1.40pm	Scanning to the future Watkins Steel CEO, Des Watkins Be prepared for practical examples you can relate to!
2.40pm	Afternoon team
3.10pm	An indigenous approach to STEM engagement Puhoro STEM Academy, Taniora Herewini Be prepared to delve into Te Ao Māori and ideas of diversity!
3.30pm	Real-world NZ applications of IoT & VR Auckland University of Technology
4.10pm	Conference closes Attending Nation dinner? Buses will depart from Grand Millennium Hotel every 15 minutes from 5.30 - 6.15pm.

Chris Riddell
Futurist

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Gijs Van der Velden
MX3D CEO



Des Watkins
Watkins Steel CEO

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Alia Bojilova
HR Specialist



Mike Hutchinson
Innovation and Business Commentator



Nominate someone for an Industry Award!

- **Innovation** - help us recognise major innovation being implemented through demonstrated product, manufacturing or information technology or process innovations.
- **Leading Metalhead** - acknowledge high potential staff not yet at executive level who have created a mindshift change in their business to prepare them for the future.
- **Keith Smith** - reward renowned and outstanding service.

A night of glitz and glam to celebrate our industry wins.

Come help us recognise those in our industry who have given renowned and outstanding service to us, have been responsible for great innovations to propel our industry forward or are destined to be our future leaders!

Agenda

Time	Program
6.00pm	Pre-dinner drinks
7.30pm	Nation dinner begins
8.00pm	Industry Awards begin Whanake Scholarship Innovation Leading Metalhead Keith Smith Memorial
10.30pm	Nation dinner closes

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Register now!

W. hera.org.nz/event/future-forum-2020

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<p>20/20 VISION Future Forum only Includes Nation breakfast, lunch and tea breaks</p> <p>\$1,150 incl GST</p>	<p>20/20 VISION + Nation dinner Includes Nation breakfast, lunch, tea breaks and dinner</p> <p>\$1,265 incl GST</p>	<p>HERA Clusters pre-conference workshop only includes afternoon tea and after-event drinks & nibbles</p> <p>\$172.50 incl GST</p>	<p>Nation breakfast only Includes breakfast, networking & panel</p> <p>\$75 incl GST</p>	<p>Nation dinner only includes three course kaitiaki dinner and drinks</p> <p>\$230 incl GST</p>
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Special group discounts for your team!

- **For our cluster workshop, Nation breakfast or dinner:** Book in three team members for the price of two!
- **For our Future Forum 20/20 VISION conference:** Book in two team members for the price of one!