

NMEC 2019 CONFERENCE PROGRAMME

12 – 14 November 2019

Training Course - These are booked directly with providers

Price

More Info/To Book

Monday 11 November Pre-Conference Day: Optional Training

Monday 11 November

8:30 – 3:30pm Guarding and the Safe Use of Machinery Guidelines

Tuesday 12 November Pre-Conference Day: Optional Training/Workshops

8:30 – 3:30pm Lean Maintenance Made Simple

8:30 – 3:30pm Health and Safety Made Simple

8:30 – 12:00pm Engineering Steels & Processing Awareness &

12:30 – 3:30pm Welding Without Failure

8:30 – 3:30pm Acquiring Emotional Intelligence

Field Trip

2:30 – 5:00pm Field Trip: Red Stag Timber
Strictly Limited Number
Bus departs/returns: Energy Events Centre
Incl. in conference registration fee

5:30 – 6:30pm **Welcome Function & Meet the Exhibitors**
Networking event for all delegates, sponsors, speakers and exhibitors
Incl. in conference registration fee
Everyone invited

Wednesday 13 November – NMEC Conference Day 1

Main Plenary and Expo Zone

8:00am Registration Open, Exhibition Viewing & Networking, with Fresh Coffee

9:00am Welcome to Growing Great Engineers *presented by MESNZ & SKF*

Official Opening of NMEC 2019 by Darin Samuel, Managing Director of SKF, New Zealand the Principal sponsors of NMEC 2019

Opening Keynotes:

9:15am **OK Who's Next?** Our Role in developing and mentoring the next generation of Engineers.

9.50am **Psychological First Aid in the Workplace** *speaker to be confirmed*

10:30am Morning Tea – freshly brewed coffee, tea, networking and exhibition viewing

11:00am **Technology in Naval engineering training;** How Machiavelli and Vygotsky are helping us grow great engineers.

11:30am **Panel:**

How do we recruit, keep and grow great engineers? *Panel members to be confirmed*

12:10pm **Celebrating Success, Achievement & Amazing Progress** - Main Conference Room
MESNZ Bill Buckley Scholarship Award. \$5000 training scholarship awarded to most promising young engineer.

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| | Stuart Tolhurst Memorial Apprentice Award, awarded to an outstanding apprentice. | | |
| 12:40pm | Lunch, Exhibition Viewing & Networking | | |
| 1:35pm | Stream A | Stream B | Stream C |
| 1:40pm | Spare Parts Rationalisation & Optimisation | New advances in materials and coatings, 3D printing of large metal parts | On-Line Partial Discharge testing of High Voltage systems |
| 2:15pm | Bearing selection and fitting | Hazardous substances and wastes – new rules/industry impact | A case study, electrical maintenance/electrical apprentice training |
| 2:45pm | Afternoon Tea – freshly brewed coffee, tea, networking and exhibition viewing | | |
| 3:20pm | Importing Substandard materials – you get what you ask for – an adjuster’s perspective | | |
| 3:50 – 4:00pm | First Day Wrap up | | |
| 5:00 – 10:00pm | Social Function For all Conference attendees, Exhibitors and Presenters. Don’t miss this! Includes Free Dinner, Drinks and Networking. Home by 10 pm. Dress: smart casual. | | |

Thursday 14 November – NMEC Conference Day 2

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| | Main Plenary and Expo Zone | | |
| 7:30 – 8.30am | MESNZ AGM All Welcome | | |
| 8:30 – 9:00am | Tall Stories, Freshly Brewed Coffee, Exhibition Viewing & Networking, plus photos from the Social Function | | |
| 9:00 | Day 2 – Opening | | |
| 9:10am | KEYNOTE: Asset Management Improvement – case study | | |
| 9:50am | KEYNOTE: Rotating Plant Design and Operation – case study | | |
| 10:25 – 10:55am | Morning Tea – freshly brewed coffee, tea, networking and exhibition viewing | | |
| | Stream A | Stream B | Stream C |
| 10:55 – 11:25am | Asset Management for Engineers 101 (part 1) | Mechanical Power Transmission | Corrosion Under Insulation |
| 11:30 – 12:00pm | Asset Management for Engineers 101 (part 2) | Hydraulics hoses and fittings | Building-up Shafts with integrity using Metal-Spray |
| 12:05 – 12:35pm | Stainless Steel – Assumptions, Reality and Getting it Right | Steam | TBA |
| 12:40 – 1:10pm | Stainless - An Amazing Material and How to get the best of it | How to optimize compressed air usage and improve the functional efficiencies of existing machinery | TBA |
| 1:10 - 2:05pm | Lunch, Exhibition Viewing & Networking | | |
| 2:10 – 2:40pm | The Golden Nugget Forum - Your greatest maintenance issues! An interactive, crowd sourced problem-solving session. <i>Must not miss!</i> | | |

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| 2:40 – 3:20pm | KEYNOTE: The Engineer of the Future - Will you be replaced by a robot? | | |
| | Dr Michelle Dickinson – aka Nanogirl. | | |
| 3:20 – 3:30pm | NMEC 2019 Conference Wrap up and Closing Remarks | | |
| 3:30pm | Conference Closes | | |

Thanks to our Sponsors

