



The pace and activity of the conference committee is becoming more focused and intense as the conference date approaches (now less than 3 months away). Monthly meetings held around the country came to New Plymouth on the 23rd of June, and was combined with the organization of a site visit to the facility of **ENERGY HYDRAULICS**. The company provides solutions for motion and control technologies for a wide variety of oil and gas, industrial and marine markets. MSA members had a unique insider's view into the company and the evening was much enjoyed by all. The large yellow structure at the back of the group of MSA members is an experimental wave-energy device, which you can see in action in heavy seas on a short clip on the company's website.

Have you checked out the “public forums” of the MSA web site? If you have, you would have seen this **report and photos** by MSA and conference organizing committee member **Kirsty Russell**.... (if you haven't check out the web site).

“ The MSA Conference Committee instigated another Site Visit on Tuesday 21st April to the NZ Police Calibration Labs in Wellington. Following on from previous successful site visits to Fisher & Paykel in Auckland and Tait Communications in Christchurch and alongside the hard work promoting the MSA conference it was fantastic to host a group of 30 to the Police Labs.

A good mix of people from local Calibration labs, MSL and Callaghan Innovation enjoyed the talk and interactive displays provided by Inspector Mark Stables, Bob Gardner and Tim Drumm. It was especially noteworthy to hear of their commitment to IANZ Certification (since December 1999) and of their healthy relationship with MSL spanning 20+ years.

The Police Lab employs a total of 9 staff to maintain the calibration rotation and strict traceability protocols for all the speed detection devices and weighbridges operated by NZ Police throughout the country. The visit highlighted the vital service this Lab provides for public good and demonstrates the linkages between the Lab, accreditation and measurement standards. Also it's exciting to hear of how the kiwi number 8 wire mentality mixed with technological advancements will mean if you break the rules on our roads you will be caught! “



Countdown to the MSA ‘Good Measurement Great Business’ Conference in Queenstown NZ 13th-16th October

We have a full 3 day programme of talks, workshops and forums as well as Plenary talks from Alain Rufenacht from NIST in USA, Richard Suckling from Fonterra NZ and Dieter Adam CEO of the NZ Manufacturers and Exporters Association. There will also be an extended Lab Managers Forum that will cover all aspects of operating a test or calibration facility. The preliminary programme is due to be uploaded to the website by 21st July so watch this space!

On the social side there are plenty of opportunities to network from the Welcome Function on Tuesday 13th from 5pm at the Millennium Hotel; the Gibbston Valley Winery Site visit on Wednesday 14th includes an interactive presentation, Wine Cave tour and tastings; the Conference dinner is on Thursday evening cruising across Lake Wakatipu on board the historic TSS Earnslaw Steamboat to the Walter Peak Station for a fabulous Gourmet BBQ meal and farm show before steaming back across the Lake. This is an event not to miss and will provide you and your business multiple learning and networking opportunities.

We recommend you book your room at the Millennium now as we are only holding the maximum room allocation until Early Bird registration closes. If you have not already registered, you should do so at MSA2015 Conference - Metrology Society of Australasia. If you register before 1st August, you will catch the early bird registration discount!

FLUKE CALIBRATION - MSA 2015 GOLD SPONSORSHIP PARTNER

Fluke Calibration continues to be a proud sponsor of the Metrology Society of Australasia Conference.

Fluke Calibration is a leader in precision calibration instrumentation and software, bringing their customers the best and most complete range of solutions to help them maintain measurement quality and traceability. Because no single company can be the best at everything, Fluke have chosen to bring together a select group of the world's top calibration companies in six measurement disciplines – electrical, RF, temperature, pressure, flow and software – under a single Fluke Calibration brand.

Fluke Calibration will be running a MET/CAL User Group session on Tuesday 13th October 2015 as an introduction to the 2015 Australasian Measurement Conference. See how you can increase productivity in your calibration lab and learn about managing and automating your calibration workload through MET/CAL[®] Software's complete solution offering direct from our U.S. factory expert. To register your spot email: Nigel.Billinge@fluke.com.

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Calibration

Victorian CM Users Group (report and photos; Ashley Gracias)

A special "Thank-You" to Craig Leckie, and the staff from Hi-Tech-Metrology that opened their doors for the function and for an excellent assortment of finger-foods and drinks.

Guest speakers: (thanks for effort and the excellent delivery...)

Paul Mayberry, Hi-Tech Metrology, "Calibrations at Hi-Tech"

Allister Prosser, VeraCorp, "A practical approach to calculating uncertainty"

Richard Duncan, Duncan & Tool, "Acceptance and verification tests for CMMs"

Companies in attendance: Hi-Tech Metrology, Duncan & Tool, VeraCorp, S.G.Prittie, NOV Mono, Renishaw Oceania, NATA, Denso Automotive, Boeing, Bosh, NMI

Venue for the next meeting: Renishaw Oceania, Mulgrave, Vic., Date and time TBA.



Catch up with IANZ staff at the conference, and discuss your accreditation needs.

IANZ metrology laboratories receive formal recognition of their technical competence and provide the NZ economy with facilities whose services can be trusted.



MSA conference Keynote Speakers include....

Dieter Adam: The new CEO of the NZ Manufacturers and Exporters Association trained in Germany and Denmark before embarking on a career as a research scientist and lecturer in plant biotechnology. Dieter has worked with the US forestry company Rayonier, as their NZ R&D and seed production manager and then Hamilton based Livestock Improvement Corporation as their R&D Manager and Group GM for Innovation. In 2006 Dieter set up his own consultancy company and in 2009 he joined New Zealand Trade and Enterprise as their Operations Director for the Food & Beverage sector.



Richard Suckling - Fonterra is the world's largest exporter of dairy products, responsible for more than a third of all international dairy trade and Fonterra's products can be found in 140 countries around the world. On a peak day, Fonterra's fleet of milk tankers can pick up and deliver 76 million litres of fresh milk. To perform that impressive task, Fonterra has a fleet of 480 tankers nation-wide, the biggest in New Zealand, and it's Richard Suckling's job as Fleet Services Technical Manager to keep them moving.



METROLOGY, SCIENCE, TECHNOLOGY, BUSINESS ENTERPRISE, ENGINEERING in the service of New Zealand and Australian people, in the service of a better future. Hear from and join in the dialogue with Adam, Rufenacht, Suckling and others,..engineers, scientists, technicians, enterprise creators, business innovators - the people who make it happen - at the MSA conference in October.

NATA will be on site at the MSA conference presenting papers around accreditation focusing on Proficiency Testing, Reference Materials and Sampling. NATA's proven network of best-practice technical experts provides a foundation for confidence in Australia's calibration, testing, and inspection activities.

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Alain Rufenacht is a Research Associate in the NIST Quantum Voltage project, within the Quantum Electronics and Photonics Division Group in the US. The group is well advanced in it's goal of providing the world with a programmable quantum voltage standard that has an uncertainty of less than 1 part per billion, never needs calibration, and is sufficiently automated that it can be used in developing countries by non-experts. The culmination of work going back decades of extensive research and development in a host of fields.

