

June 2023

Tēnā koutou

I had the great pleasure of attending the mid-year meetings of the Asia Pacific Metrology Programme (APMP) in June. The technical committees of the APMP are the 'engine room' of scientific metrology for the region – as a community we peer review each other's capabilities, we carry out measurement comparisons, we share news of technology trends and measurement challenges, we support developing economies and we advance the state of the art in our respective fields.

Through the meetings and the various conversations I had during the week, a couple of things stood out for me. Firstly, our interdependence as a measurement quality infrastructure – we in New Zealand benefit from the openness and collegiality of MSL's research partners in larger economies and in the same way we can reach out to economies in our region who are just beginning their journey. Another theme which is recurring internationally this year is that of food safety and quality – New Zealand depends critically on international partners for metrology support in our food industry and MSL can play a part in ensuring the security of those relationships and the future of metrology in the field in New Zealand.

As always, I am very keen to hear your thoughts on any of these or other issues you're thinking about.

Ngā mihi

Annette Koo
Director and Chief Metrologist



We have shared our new [Strategic Plan](#) with you – our part in protecting Aotearoa New Zealand's future. The first of our themes is to enhance MSL's role as a world class national metrology institute. This requires us to maintain our measurement capability at the highest level possible and to connect and contribute to the international measurement quality infrastructure in order to remain nationally and internationally relevant. We would like to describe some of our team's recent activities which demonstrate how we work towards achieving this.

Like all other accredited laboratories, we have our regular visits from International Accreditation New Zealand ([IANZ](#)) and technical experts, which we welcome as opportunities to learn and improve. Within the past six months, we have had the annual surveillance assessment of MSL by IANZ as well as our regular technical reassessments of the electrical and light standards teams. Technical experts from the National Metrology Institute of Japan and the Korea Research Institute of Standards and Science scrutinised our measurement capabilities. They identified areas for improvement and ensured that the measurement scales we disseminate support New Zealand industry to deliver high quality products and services to our citizens and our international trading partners. Importantly, our [ISO 17025](#) accreditation continues, and our electrical metrology capability was found to have transitioned successfully to our new building.

We have also continued to engage internationally along with regionally to stay at the top of our game and to contribute to the development of the international measurement quality infrastructure that our economy depends on:

- [Guy Dubuis](#) and [Minyu Zhang](#) attended Electrical Measurement Training at the National Measurement Institute Australia (NMIA) in April, where they also visited laboratories and strengthened relationships with their NMIA colleagues.
- [Murray Early](#) attended the [33rd meeting](#) of the Consultative Committee for Electricity, chairing the Working Group on Low Frequency Quantities.
- [Yin Hsien Fung](#) and [Peter McDowall](#) attended the [19th Meeting](#) of the Consultative Committee for Mass and Related Quantities and its working group meetings in mass and pressure to represent New Zealand in those international decision making bodies on measurements.
- [Keith Jones](#) attended a Strategic Planning Review Workshop in Thailand this February for developing economies in the Asia Pacific region.
- Yin Hsien Fung is supporting the National Measurement Center, Cambodia to prepare to claim its first calibration and measurement capabilities in mass.
- [Annette Koo](#) attended the mid-year meetings of the [APMP in Mongolia](#) this June in her role as chair of the committee for photometry and radiometry in the region.
- [Blair Hall](#) chairs the [APMP Focus Group](#) for Digital Transformation, facilitating the sharing of knowledge amid the push to embrace new technologies in our field.

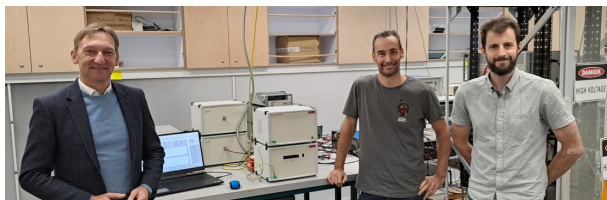


Register now for our August training courses

MSL training courses are a great opportunity to support your laboratory's accreditation and provide professional development to staff.

Courses are being offered at Gracefield Innovation Quarter, Lower Hutt and JetPark Conference Centre, Auckland. Registrations start closing from 28 July 2023.

[Find out more](#)



Scientists stay current to make power measurements accurate


In case you missed it – New technology being tested by MSL scientists has the potential to more accurately ensure New Zealanders are getting the power they are paying for.

[Read more](#)



World Metrology Day celebration 2023

To our presenters, stakeholders and customers who joined us for World Metrology Day, either in-person or virtually – thank you, we hope you enjoyed the day as much as we did.

Presentations can be viewed here 

Notification – change to talking clock number

This message is to inform users of the [MSL talking clock service](#) that due to the cessation of the 0900 service, the number for the Talking Clock is changing to 0800 MSLTIME (0800 675846) after 1 July 2023. Please note the change to an 0800 number means there will no longer be a charge for this service and, for those users who have reported difficulty accessing an 0900 number, it may become easier to dial. A recorded message on the 0900 number will provide the new number as a reminder.



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[MSL's Strategic Plan](#)

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