

April 2026

Kia ora tātou

2026 is looking like another exciting year for MSL. The first major milestone that's kept us busy is planning our transition to Earth Sciences New Zealand. It has been a joy to host many of our future colleagues in our labs over the last few months, which has led to some engaging and constructive conversations. The transition is set to take place in July 2026, but as always, your regular MSL contacts are here to help with calibrations and advice throughout this period – nothing changes there.

The second big event this year is MSL hosting the 42nd Asia Pacific Metrology Programme (APMP) General Assembly and Related Activities in November. This event draws in around 400 metrologists and directors from NMI's around the Asia Pacific region to strengthen regional collaboration and share expertise in the field of metrology. MSL has deep roots in the APMP community as one of its founding members and our own distinguished Keith Jones previously served as Chair. Although it is a somewhat daunting task for an NMI of our size to organise such an event, it is a wonderful opportunity to show off the metrological talent that NZ has.

Finally, mark your calendars – we will be hosting the World Metrology Day 2026 event here at MSL on 22 May. It's always one of the highlights of our year, and we look forward to celebrating the importance of measurement science with you. More details, including a registration link, are provided below. We hope to see you there.

Ngā mihi maioha

Peter



We warmly invite you to attend our World Metrology Day 2026 celebration at Gracefield Innovation Quarter, Lower Hutt. This annual event recognises the vital contributions of those working across intergovernmental, national, and local metrology organisations and laboratories. This year's theme is Building Trust in Policy Making.

The day presents a valuable opportunity for MSL stakeholders, customers, team members, and friends of metrology to strengthen connections, hear from a diverse range of speakers across policy, research, and practice, and tour MSL laboratories. The programme will conclude with a networking hour hosted by the Metrology Society of Australasia (MSA).

The event is free; however, spaces are limited – click *Find out more* and register to secure your place!

[Find out more](#)



Measurement training August 2026

An opportunity to upskill! Register by 15 May to receive a 10% early registration discount on our measurement training courses, which include hands-on experience to help improve your measurement and calibration practice.

Click [Find out more](#) to visit our training page.

The following workshops are scheduled to take place at the Gracefield Innovation Quarter in Lower Hutt (3–7 August) and at JetPark in Auckland (18–21 August):

- Balances and Weighing
- Humidity and Moisture Calibration
- Measurement, Uncertainty and Calibration
- Temperature Measurement and Calibration
- Infrared Radiation Thermometry
- Pressure Calibration
- Spectrophotometer Calibration (*Lower Hutt only*)

[Register for Lower Hutt](#)
[Register for Auckland](#)

[Find out more](#)

Introducing Claude and Johannes!

Claude Meffan joined MSL as a Research Scientist in January 2026. He completed his PhD in Electrical and Computer Engineering at the University of Canterbury in 2019.

He works within the Mass and Pressure team, gaining experience in pressure metrology, and contributing to the development of the MSL Kibble balance.



Claude's background is in electrical engineering. In his research he has worked with a range of sensing and transducing technologies, including thermal, ultrasonic, micro-electro-mechanical, and microfluidic technologies.

Johannes Kaiser joined the MSL Light team in February 2026 as a Research Technician.

Having grown up and completed his education in Germany, he chose to make New Zealand his home, embracing the Kiwi lifestyle, meeting his wife, and building a beautiful family with their two daughters.



Professionally, he spent several years at GNS Science as the lead operator of the Particle Accelerator, primarily focused on radiocarbon dating, while also contributing to the groundwater dating team. He later transitioned into Quality, Health & Safety, and Compliance auditing roles across the vertical construction, social housing, and manufacturing sectors.



Measuring the changing climate

[Case study – How metrology supports New Zealand climate science.](#)

Climate science is a global pursuit that demands high levels of measurement accuracy and consistency across vast geographic scales and over many decades.

Here in Aotearoa, climate research is led by Earth Sciences New Zealand (ESNZ), an organisation formed in 2025 through the merger of NIWA and GNS Science, with MetService joining in 2026.

As members of New Zealand's national metrology institute, we here at MSL provide the metrology foundations that underpin NZ's measurements for climate science. Our work helps to transform climate science from observation into quantified knowledge, providing the trust and certainty essential for understanding our changing planet.

Click [Read more](#) to find out about how scientists work across disciplines to tackle this challenge.

[Read more](#)



It's our turn to host the 42nd Asia Pacific Metrology Programme General Assembly and Related Activities (APMP 2026), taking place at the InterContinental from 15–21 November, right here in Wellington!

Hosted annually within the Asia-Pacific region, APMP is the premier forum advancing metrological science, capability, and collaboration among national metrology institutes (NMIs), with particular emphasis on strengthening developing economies. As the region's only dedicated platform of its kind, the Programme convenes a rapidly expanding international community of researchers, technical experts, and policy leaders working across measurement science and its practical applications.

APMP 2026 is expected to welcome more than 400 delegates from over 38 countries. The programme will showcase leading-edge developments in measurement science and technology, emerging applications, strategic future directions, and foundational research shaping the discipline.

Sponsorship of APMP 2026 provides a unique opportunity to align your organisation with scientific excellence and international collaboration, while gaining targeted exposure to a highly specialised and influential global audience.

Click *Find out more* to visit the APMP 2026 website and view package options ranging from \$2,000 to \$10,000 (excluding GST). You can also contact Tom Stewart at Tom.Stewart@measurement.govt.nz for more information.

[Find out more](#)



www.measurement.govt.nz



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[MSL's Strategic Plan](#)

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