



➤ October 2020

Kia ora koutou

Welcome to the October edition of Elaborate. We're pleased to share some new resources that have gone live on our website such as our apprentice programme framework, and an interactive infographic explaining applications of measurement in daily life. This will also be my last Elaborate as Director of MSL. I'm leaving to take up a new leadership challenge in the public sector and have been privileged to lead our national metrology institute for the last four and a half years.

Thank you for all your support.

Ngā mihi

Fleur Francois
Director, MSL



Developing Metrology Apprentices

MSL introduced an apprenticeship-style approach to developing new talent in 2019. This was developed in response to a [2017 Royal Society report](#) about the lack of practical skills of those entering the science technicians workforce in New Zealand. Our first appointee, Nina, graduates in June 2021 and has developed a passion for our profession.

The MSL apprenticeship programme will continue but we also want to provide tools and encouragement to others in the measurement community who wish to recruit their own apprentices. So, we are providing an outline of our programme, with supporting material, to assist in growing both the technical and behavioural skills of new metrologists.

➤ [READ MORE](#)



Measurement in Daily Life

We've recently launched a new interactive webpage aimed at increasing the understanding of the ways that measurement is involved in our daily lives. This is intended to help explain what we do. Many stakeholders are not aware of our capabilities and how important traceable measurement is. This map gives us another tool and a fun way to help explain it. We encourage you to share this with your stakeholders too.



2020 Training Courses

We are now offering our training courses on demand, provided the number of participants is sufficient. We encourage you to contact us and let us know what courses you and your staff are interested in, so we can plan a suitable date and location. We are receiving some good enquiries about training and will be scheduling many of our courses early in 2021.



Staff Movements

You would have to agree, our people are our biggest asset. We've had a few changes at MSL lately with internal movements and new faces so we would like to let you know what is happening.

[Cliff Hastings](#) has been appointed as interim Director of the Measurement Standards Laboratory. [Kevin Gudmundsson](#) has become the Manager of Electricity Time and Frequency while [Mesh Pillay](#) is now Manager, Length and Mass Quantities.

On Parental Leave after having her first child is [Dr Farzana Masouleh](#) from our Humidity Team, and [Daniel Rennie](#) has been appointed to support the team while Farzana is away.

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Measurement Matters

Te Whakahirahira o te Inenga

House of Science Resource Kit Launch

The House of Science is passionate about inspiring young New Zealanders' interest in science through tangible learning experiences. It has been proven that when young people are exposed to scientific concepts and practices in primary school, they are more likely to pursue a scientific tertiary education and therefore career.

MSL is very excited to now be part of the House of Science network with a resource kit for Metrology called 'Measurement Matters'. This meets our aim to raise awareness about Metrology, educate and ultimately increase the future workforce. We will celebrate the official launch of 'Measurement Matters' at an event on Thursday 15th October.

[▶ READ MORE](#)



Mitutoyo Tooling Workshop

The NZ MSA branch have partnered with Mitutoyo and The Measurement & Calibration Centre (MCC) to host a half-day workshop for users of hand-held precision measuring instruments. This workshop will be held in Auckland in October and is open to members and non-members. Click below for more information and to register your interest!

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