



December 2021

Kei te harikoa ngā harareieri

Happy holidays and thank you for supporting the Measurement Standards Laboratory throughout 2021. As we near the end of what has been a challenging year for many, I'd like to acknowledge the hard work of the team here at MSL and also say a big thank you to all of you, our customers and stakeholders, who have worked with us to keep things moving smoothly whether here in our laboratories or on site with you.

We'll be closing our doors for a couple of weeks, so our team can take a well-deserved break. I hope you are also able to take some time out to rest and recharge and on behalf of the Measurement Standards Laboratory, I wish you all a safe and happy holiday and a prosperous year ahead.

Ngā mihi
Cliff Hastings
Director, MSL

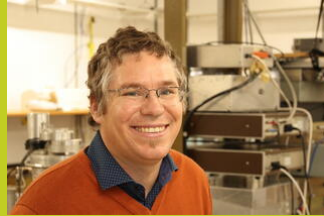
Welcome to our New Staff and Students



Ana Rakonjac
Senior Research Scientist

Prior to joining MSL's Temperature and Humidity team in October, Ana worked in several areas of cold atom physics, both in academia and industry. Ana did her PhD at Otago University within the Dodd-Walls Centre for Photonic and Quantum Technologies, where she developed an optical collider for ultracold atoms.

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Matthias Vest

Manager - Electrical,
Time and Frequency

We welcomed Matthias in October 2021 to lead the Electrical, Time and Frequency team. Before joining MSL, Matthias led a team of scientists at the Advanced Materials Group at Callaghan Innovation, was Head of Battery Recycling at BATREC AG in Switzerland and managed continuous improvement and strategic investment projects in his role at World Resources Company GmbH in Germany.

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Ben Colquhoun

Summer Student Intern

Benjamin is supporting the Light team, working on the non-Linearity and Flux Comparator Project, which measures the nonlinearity of optical detectors. He is working on improving the speed of the device and upgrading the light source, so we can characterise detectors that operate at different wavelengths more quickly and reliably.



Ezequiel Misa

Summer Student Intern

Also supporting the Light team, Ezequiel's project is digitising the output of an autocollimator, involving a remotely operated digital camera to capture images of the reflected light beams that bounce off the Goniospectrophotometer.



Sparks will fly!

MSL is excited to co-host the Conference on Precision Electromagnetic Measurements (CPem) in Wellington on 12–16 December 2022. This is a major event that will attract many world leading experts in the field of Electrical Metrology.

[Find out more](#)

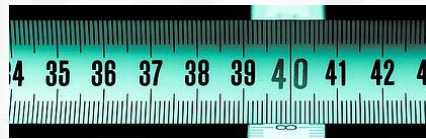


Electrical Standards Laboratories are moving

Great news, our Electrical Labs are moving. Following a long remediation and commissioning process, our Electrical team is now ready to move into the new building. Read more in the latest New Laboratory update on our website.

[Find out more](#)

A quick update on Training Courses



We have rescheduled the [Measurement Uncertainty and Calibration](#) and [Temperature Measurement and Calibration](#) workshops in Auckland to 23 and 24 February 2022 – click below to find out more about these and other training options available.

 [Find out more](#)


Metrology Society of Australasia – Conference 2022

Save the date now – 19 to 22 September 2022 – Te Papa, Wellington.

We support the MSA network and are excited to see the biannual conference return to NZ shores. This is the best opportunity to network and connect face to face with our measurement community, hear some great technical presentations and world-class plenary speakers, participate in topical workshops, engage with the trade exhibits, and enjoy the social occasions and site tours.

Follow the [MSA LinkedIn page](#) or keep an eye on the [MSA Website Conference page](#) to stay up to date with the sponsors, proposed programme, plenary announcements and registration links.



 [READ MORE](#)



Festive Close-down Dates

MSL will be closed for business from midday on Thursday 23 December and reopen on Wednesday 12 January 2022. We look forward to assisting you in 2022!



www.measurement.govt.nz



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