



SI Roadshow Wellington Programme

In partnership with the Metrology Society of Australasia and the Dodd-Walls Centre

World Metrology Day 2019 - Monday 20 May 10:00 am - 5:00 pm

MacDiarmid Centre, Callaghan Innovation, 69 Gracefield Road, Lower Hutt

| Morning Session | |
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| 10:00 am | Arrival Tea and Coffee |
| 10:20 am | <p>Welcome and Opening</p> <p>Presenter: Fleur Francois, Director, Measurement Standards Laboratory of New Zealand</p> |
| 10:30 am | <p>What is the SI revision all about?</p> <p><i>Dr Michael de Podesta's wide-ranging research interests concern all aspects of temperature measurement: from building the most accurate thermometer ever made; to developing industrial sensors capable of surviving harsh conditions; to measuring the temperature underneath the wheel of a train travelling at over one hundred miles per hour.</i></p> <p><i>Michael is an active science communicator and writes a blog at 'protons for breakfast'.</i></p> <p>Presenter: Dr Michael de Podesta, Principal Research Scientist, National Physical Laboratory, United Kingdom</p> |
| 11:10 am | <p>Te Hitori o te Whai Inenga a te Māori - The History of the Māori Development of Measurement</p> <p><i>This presentation conveys the main themes found in a preliminary study about the indigenous metrology of New Zealand. This study took a historical approach in investigating pre-European Māori measurements and measurement methods.</i></p> <p>Presenter: Te Aomania Te Koha, Student, Victoria University of Wellington</p> |
| 11:40 am | Throwing away the New Zealand Kilogram Results and Competition Winner |

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| | <i>MSL is running a national competition to guess how far Julia Ratcliffe can throw the 1-kilogram mass standard compared to her normal 4-kilogram hammer. Along with revealing the results and winner, Julia will give us an overview of her sport and the science behind it.</i> |
| 12:00 – 1:00 pm | Lunch |
| Afternoon Session | |
| 1:00 pm | <p>Role of standards in enabling innovation</p> <p><i>This presentation explains how international standards play an important role in encouraging innovation.</i></p> <p>Presenter: Carmen Mak, Manager, Standards New Zealand</p> |
| 1:25 pm | <p>SI metrology and the UK National Physical Laboratory</p> <p><i>The UK National Physical Laboratory (NPL) is one of the world's largest and longest established National Measurement Laboratories. The presentation will cover some of the breadth of NPL's work, including some particular contributions to the revised SI.</i></p> <p>Presenter: Dr Stephanie Bell, Principal Research Scientist, National Physical Laboratory, United Kingdom</p> |
| 1:50 pm | <p>MSL's contributions to the SI - past and future</p> <p><i>MSL has been involved in many projects that have contributed to the revised SI. We'll look at the people and science behind those projects, their impacts and MSL's plans for future contributions to international metrology.</i></p> <p>Presenter: Dr Eleanor Howick, Chief Metrologist, MSL</p> |
| 2:15 – 2:40 pm | Afternoon Tea |
| 2:40 pm | <p>MSA Workshop - Promoting and growing metrology awareness and knowledge in NZ</p> <p><i>At previous events, the MSA committee has captured information from audiences on how to promote metrology and education in NZ. It is time for an update on the progress being made and an opportunity for you to give us your feedback.</i></p> |
| 3:20 – 5:00 pm | Networking hosted by the Metrology Society of Australasia and Laboratory Visits |

Please [click here to register](#) for the Wellington SI Roadshow

MSL Supports UNESCO promote the [International Day of Light](#) on 16 May 2019.



International
Day of Light

16 May