



Metrology Society Of Australasia

World Metrology Day 2016

“Measurements in a Dynamic World”

MSA Members/Students \$18.00

Non-members \$63.00

Friday 20th May 9.30am – 4.00pm

Callaghan Innovation, 69 Gracefield Road, Lower Hutt

Programme

- 9:30 am **Welcome**
- Morning Tea/Cake Cutting
- 10:00 am **MSL Laboratory Tours** (Electrical, Temperature, Mass & Pressure, Length, Photometry & Radiometry, Trading Standards)
- 11:30 am **Technical Presentation**
- Dr Chris Sutton (MSL) presents ‘*A Radical Revision of the SI - The International System of Units*’
- 12:15 pm **Lunch**
- 1:00 pm **Workshops/Demonstrations MSL (30mins duration each)**
- Temperature**
1. Infrared Thermometry/Thermal Imaging
 2. Thermocouple calibration
- Photometry & Radiometry**
3. Lighting and ability to discriminate colour
- Mass & Pressure**
4. Optimizing Weight measurements
- Length**
5. Dimensional Decisions – Examples of comparing parts to drawings
- Electrical**
6. Modern High-Current Measurement
- 3:00 pm **Afternoon Tea/Networking**

Please contact cynthia.lendrum@callaghaninnovation.govt.nz to register or for more information.