

MEAP Newsletter

Issue 3

February 2018

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Happy New Year! I hope that your January has been a pleasant entry into the work year.

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Master of Measurement receives top international award

During a Christmas holiday road trip I was pleasantly surprised (actually, excited) to hear Dr Chris Sutton from the Measurement Standards Laboratory (MSL) feature in a news bulletin on Radio New Zealand. The story is featured on their [website](#) (alas, there features the inevitable confusion with meteorology). A more technically correct article appears on the [Callaghan Innovation website](#).

Congratulations, Chris!



Source: Callaghan Innovation

Update on ISO/IEC 17025:2017

The new version of ISO/IEC 17025 was published in December 2017. You can find it (and buy it, if you wish) on the [ISO website](#). You can also [download](#) an informative brochure from the ISO website on the review of the standard.

On Friday 26 January, Authorised Representatives of accredited laboratories working with ISO 17025 were sent an official



letter from IANZ regarding the update to the standard with a timeline including information on formal adoption and publication by Standards New Zealand and how it will affect your upcoming assessments. There is roughly a three year period for us to ensure all accredited laboratories are fully compliant with the 2017 version.

Upcoming changes to thermometry classes of test

In conjunction with MSL, IANZ is working on updating the thermometry class of test 5.61 and adding a new class of test, 5.60 for non-



Source: Pixabay

contact thermometry. The changes will recognise improvements made to thermometry technologies since the current version of 5.61 was written. The changes will mean updates are needed to scopes of accredited temperature calibration laboratories but we will work through this internally and keep you informed.

NPL guides for measurement

NPL (National Physical Laboratory [UK]) have a series of guides which may be useful for further information or training on metrological principles and different fields of metrology. You can find them [here](#).

Fun Bits and Internet Stuff

- MSL have a [YouTube channel](#) now.
- Rick Hogan's [explanation](#) of Type A vs. Type B uncertainties.
- An artful [video](#) from NIST on the concept of time.
- Read up on the Boltzmann constant and its contribution to the new SI in [this post](#) from NIST or this [blog-entry](#) from Michael de Podesta of NPL.

Баяртай

