

MSL (New Zealand) CCT-Related Bibliography

Refereed Papers

1. D R White, P M C Rourke, “Considerations for the SPRT interpolations in a revised temperature scale”, accepted for publication in *Metrologia*, 2020.
2. A Manoi, P Wongnut, X Lu, P Bloembergen, P Saunders, “Calibration of standard radiation thermometers using two fixed points”, *Metrologia*, **57**, 014002, 2020.
3. A Manoi, P Wongnut, X Lu, P Saunders, “ $T - T_{90}$ for radiation thermometry realization above the copper point”, *International Journal of Thermophysics*, **41**:28, 2020, <https://doi.org/10.1007/s10765-020-2604-3>.
4. E S Webster, P Saunders, “Characterising drift behaviour in Type S thermocouples to predict in-use temperature errors”, *International Journal of Thermophysics*, **41**:5, 2020, <https://doi.org/10.1007/s10765-019-2579-0>.
5. E Webster, D Clarke, R Mason, P Saunders, D R White, “In-situ temperature calibration for critical applications near ambient”, *Measurement Science and Technology*, **31**, 044006, 2020.
6. E Webster, “Trials of Pt-20 %Rh versus Pt thermocouples between 157 °C and 962 °C”, *Metrologia*, **57**, 014005, 2020.
7. P Saunders, A Manoi, “Uncertainties in blackbody corrections for low-temperature radiation thermometers”, accepted for publication in *Metrologia*, 2019.
8. J-F Qu, S P Benz, H Rogalla, W L Tew, D R White, K L Zhou, “Johnson noise thermometry”, *Measurement Science and Technology*, **30**, 112001, 2019.
9. P Saunders, “Uncertainty propagation through integrated quantities for radiation thermometry”, *Metrologia*, **55**, 863–871, 2018.
10. D R White, J-F Qu, “Frequency response mismatch effects in Johnson noise thermometry”, *Metrologia*, **55**, 38–49, 2018.
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12. J-F Qu, S P Benz, K Coakley, H Rogalla, W L Tew, D R White, K-L Zhou, Z-Y Zhou, “An improved electronic determination of the Boltzmann constant by Johnson noise thermometry”, *Metrologia*, **54**, 549–558, 2017.
13. P Saunders, “Optimising blackbody cavity shape for spatially uniform integrated emissivity”, *International Journal of Thermophysics*, **38**, 1–11, 2017.
14. A Manoi, P Saunders, “Size-of-source effect in infrared thermometers with direct reading of temperature”, *International Journal of Thermophysics*, **38**: 101, 2017, <https://doi.org/10.1007/s10765-017-2237-3>.
15. J W Lovell-Smith, P Saunders, R Feistel, “Unleashing empirical equations with ‘Nonlinear Fitting’ and ‘GUM Tree Calculator’”, *International Journal of Thermophysics*, **38**: 148, 2017, <https://doi.org/10.1007/s10765-017-2282-y>.

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16. E S Webster, “Seebeck changes due to residual cold-work and reversible effects in Type K bare-wire thermocouples”, *International Journal of Thermophysics*. **38**: 135, 2017.
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 21. D R White, “Propagation of uncertainty and comparison of interpolating schemes”, *International Journal of Thermophysics*, **38**: 39, 2017.
 22. D R White, Interpolation Errors in Thermistor Calibration Equations, *Int. J. Thermophys*, 38:59, 2017
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