

Proposal for new Task Groups for the *Guide on Secondary Thermometry*

Discussed and accepted by the CCT Working Group for Strategic Planning

26 January 2021

The terms of reference of the Task Group for Guides on Thermometry (TG-GoTh) are

To promote good thermometry practice and traceability to the SI by preparing and publishing guides on thermometry, with a focus on secondary thermometry. The guides should include techniques, thermometers, instrumentation, and uncertainty analyses for traceable temperature measurements.

The TG has in particular been dedicated to the revision of the so called “Blue Book”, i.e. “Techniques for Approximating the International Temperature Scale of 1990”

<https://www.bipm.org/utis/common/pdf/ITS-90/ITS-90-Techniques-for-Approximating.pdf>

The current TG-GoTh is proposed to be closed.

A solution to spin-out relevant activity to the WGs and then create a TG when a particular guide is needed is instead suggested as replacement. Each TG will have an identified person responsible for leading the draft production. A Coordinator for the revision of “Techniques for Approximating the International Temperature Scale of 1990” will be selected.

Proposed coordinator: *Jonathan Pearce – NPL*

Three guides are presently in progress, linked to issues for contact thermometry, and one guide is presently being initiated, associated to non-contact thermometry. Each guide will hence give rise to a new TG that will close when the particular guide has been completed.

The three groups are as following:

TG-CTh-GoTh-IPRT Task Group for a guide on Industrial Platinum Resistance Thermometers

Chair: J. Pearce – NPL

Members: to be defined (members of the present draft team)

TG-CTh-GoTh-TC1 Task Group for a guide on Thermo Couples – Part 1

Chair: R. White – New Zealand

Members: to be defined (members of the present draft team)

TG-CTh-GoTh-TC2 Task Group for a guide on Thermo Couples – Part 2

Chair: F. Edler - PTB

Members: to be defined (members of the present draft team)

TG-NCTh-GoTh-IRT Task Group for a guide on Industrial Radiation Thermometers

Chair: M. Sadli - LNE-LCM/Cnam

Members: to be defined