

News from the JCGM-WG1

MEETINGS The JCGM-WG1 normally meets twice per year at the BIPM. During the meetings, the drafts of the documents under development are reviewed and discussed in detail. The most recent meeting was held on 29 Nov. – 2 Dec. 2011. The next meeting is planned for 12 – 15 June 2012 at the BIPM.

DOCUMENTS IN PREPARATION

JCGM 100. Guide to the expression of uncertainty in measurement (Revision)

A draft was presented at the November 2011 meeting. This stimulated an extensive discussion with many suggestions that will be implemented in a further draft.

It was agreed that an updated version of the “Motivation and scope” document, presented to the 2008 meeting of the JCGM to support the proposal of a revision, will be circulated by the JCGM Chairman to National Metrology Institutes (NMIs) and Member Organizations (MOs) to obtain feedback from them. Publication of a short communication on the subject in *Metrologia* has also been considered.

JCGM 103. Evaluation of measurement data — Supplement 3 to the “Guide to the expression of uncertainty in measurement” — Modelling

This third supplement to the GUM is approximately half way to completion. The development of this document has been given a lower priority than other documents.

JCGM 105. Evaluation of measurement data — Concepts, principles and methods for the evaluation of measurement uncertainty

A completely new draft of this document has been produced and is close to completion. A first circulation of the document through the MOs and the NMIs should take place in 2012.

JCGM 106. Evaluation of measurement data — The role of measurement uncertainty in conformity assessment

The comments received in 2009 from the JCGM MOs and the NMIs were discussed, and the resulting final draft is circulating for final approval among the MOs (the deadline is February 2012).

The following documents are at an earlier stage of preparation:

Evaluation of measurement data — Applications of the least-squares method

Evaluation of measurement data — Bayesian methods

PUBLICATIONS

JCGM 100:2008. Guide to the expression of uncertainty in measurement, GUM 1995, with minor modifications

Freely available in PDF form from the websites of several JCGM member organizations ([BIPM](#), [IFCC](#), [ILAC](#) and [OIML](#)), and published in paper and electronic ([html](#) and [PDF](#)) forms by [ISO](#) under the name “ISO/IEC Guide 98-3:2008”.

JCGM 101:2008. Evaluation of measurement data — Supplement 1 to the “Guide to the expression of uncertainty in measurement” — Propagation of distributions using a Monte Carlo method

Freely available in electronic (PDF) form from the websites of several JCGM member organizations ([BIPM](#), [IFCC](#), [ILAC](#) and [OIML](#)), and published in paper and PDF forms by [ISO](#) under the name “ISO/IEC Guide 98-3:2008/Suppl 1:2008”.

JCGM 102:2011. Evaluation of measurement data — Supplement 2 to the “Guide to the expression of uncertainty in measurement” — Extension to any number of output quantities

Freely available in electronic (PDF) form from the website of the [BIPM](#), and published in paper and PDF forms by [ISO](#) under the name “ISO/IEC Guide 98-3:2008/Suppl 2:2011”.

JCGM 104:2009. Evaluation of measurement data — An introduction to the “Guide to the expression of uncertainty in measurement” and related documents

Document extensively hyperlinked to the other JCGM documents. Freely available in PDF form from the websites of several JCGM member organizations ([BIPM](#), [ILAC](#) and [OIML](#)), and published in paper and PDF forms by [ISO](#) under the name “ISO/IEC Guide 98-1:2009”.

MEMBERSHIP

No change took place recently.